

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
 Data File : BF111331.D
 Acq On : 12 Dec 2018 19:43
 Operator : JU/SJ
 Sample : J6214-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

Quant Time: Dec 13 01:20:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	318578	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1212453	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	486960	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	672295	20.00	ng	0.00
76) Chrysene-d12	13.96	240	441533	20.00	ng	0.00
87) Perylene-d12	15.39	264	340712	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1747326	92.75	ng	0.00
7) Phenol-d6	6.43	99	2267501	89.27	ng	0.00
23) Nitrobenzene-d5	7.35	82	1410123	65.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	301763	70.30	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1975347	65.13	ng	0.00
79) Terphenyl-d14	12.90	244	1230090	61.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	572	0.061	ng	# 1
3) Pyridine	3.26	79	276	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.17	42	1234	0.114	ng	# 1
6) Aniline	6.44	93	3738	0.122	ng	# 1
8) 2-Chlorophenol	6.57	128	982	0.042	ng	# 1
9) Benzaldehyde	6.43	77	4877	Below Cal		# 1
10) Phenol	6.44	94	157583	5.477	ng	91
11) bis(2-Chloroethyl)ether	6.53	93	169	0.007	ng	# 16
12) 1,3-Dichlorobenzene	6.95	146	278	0.011	ng	# 1
13) 1,4-Dichlorobenzene	6.95	146	278	0.011	ng	# 1
14) 1,2-Dichlorobenzene	6.95	146	278	0.012	ng	# 1
15) Benzyl Alcohol	6.95	79	21926	1.127	ng	# 38
16) 2,2'-oxybis(1-Chloropropan	7.16	45	662	0.015	ng	72
17) 2-Methylphenol	7.05	107	668	0.036	ng	# 79
18) Hexachloroethane	7.33	117	481	0.051	ng	# 26
19) n-Nitroso-di-n-propylamine	7.35	70	189252	11.212	ng	# 79
20) 3+4-Methylphenols	7.20	107	3465	0.155	ng	# 86
22) Acetophenone	7.19	105	2879	0.102	ng	# 77
24) Nitrobenzene	7.35	77	4784	0.216	ng	# 33
25) Isophorone	7.35	82	1390155	38.045	ng	# 64
27) 2,4-Dimethylphenol	7.73	122	952	0.058	ng	# 76
28) bis(2-Chloroethoxy)methane	7.82	93	137	0.005	ng	# 1
29) 2,4-Dichlorophenol	8.02	162	162	0.009	ng	# 2
31) Naphthalene	8.09	128	201190	3.562	ng	94
32) Benzoic acid	7.77	122	246	0.018	ng	85
33) 4-Chloroaniline	8.09	127	24673	1.023	ng	# 35
35) Caprolactam	8.51	113	163	0.027	ng	# 1
36) 4-Chloro-3-methylphenol	8.63	107	426	0.023	ng	# 20
37) 2-Methylnaphthalene	8.79	142	93243	2.553	ng	98
38) 1-Methylnaphthalene	8.89	142	99813	2.832	ng	98
46) 1,1'-Biphenyl	9.25	154	43206	1.040	ng	94
47) 2-Chloronaphthalene	9.25	162	199	0.006	ng	# 1
48) 2-Nitroaniline	9.35	65	1047	0.101	ng	# 26
49) Acenaphthylene	9.69	152	61054	1.313	ng	# 94

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
 Data File : BF111331.D
 Acq On : 12 Dec 2018 19:43
 Operator : JU/SJ
 Sample : J6214-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

Quant Time: Dec 13 01:20:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

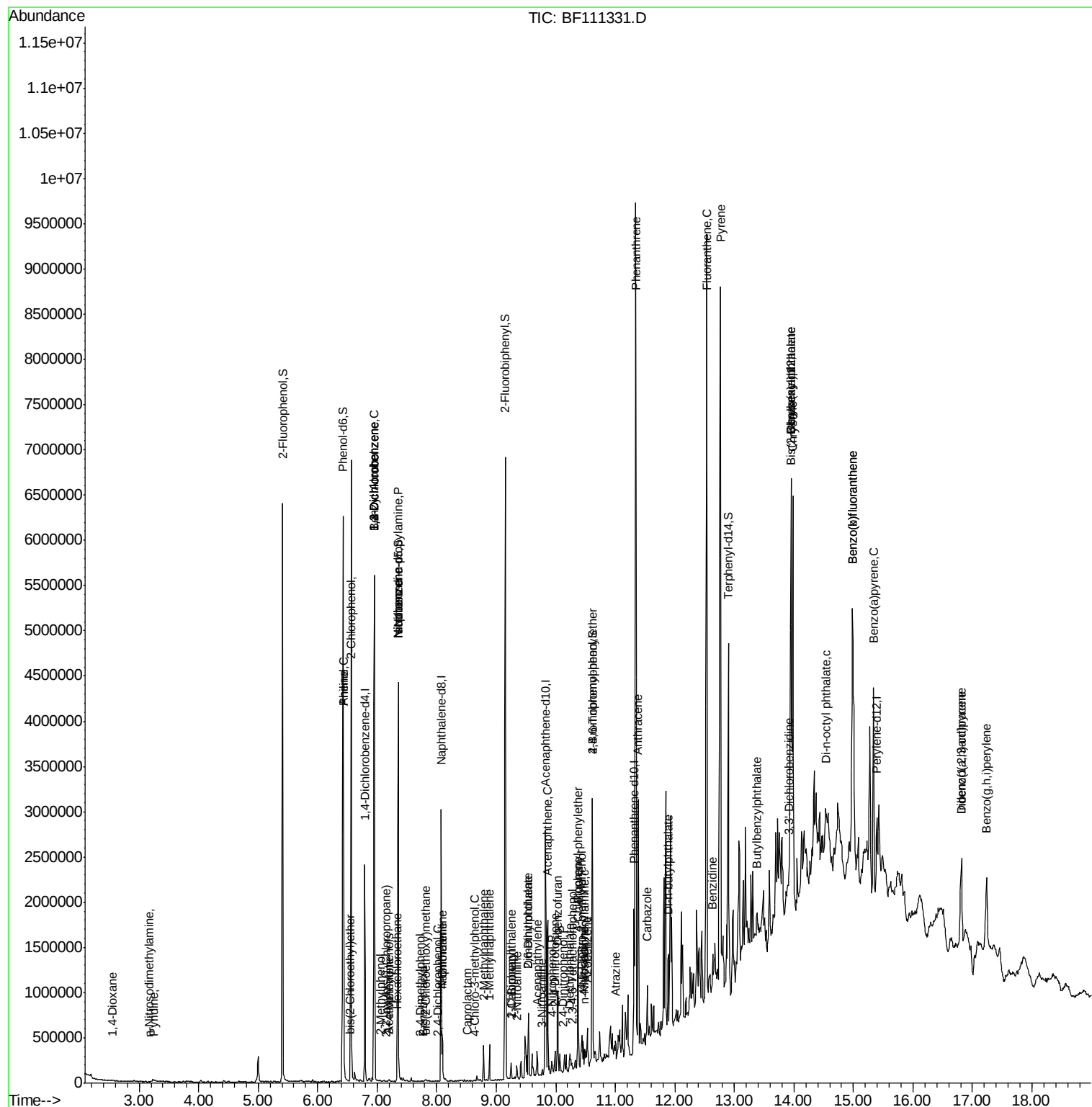
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Dimethylphthalate	9.54	163	261798	7.476	ng	97
51) 2,6-Dinitrotoluene	9.54	165	4612	0.594	ng	# 4
52) Acenaphthene	9.86	154	360217	12.285	ng	98
53) 3-Nitroaniline	9.78	138	196	0.021	ng	# 1
54) 2,4-Dinitrophenol	10.12	184	285	0.094	ng	94
55) Dibenzofuran	10.03	168	290395	6.860	ng	93
56) 4-Nitrophenol	9.93	139	3349	0.498	ng	# 43
57) 2,4-Dinitrotoluene	9.99	165	9702	0.975	ng	# 49
58) Fluorene	10.37	166	329260	10.874	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.29	232	106	0.013	ng	# 1
60) Diethylphthalate	10.24	149	14394	0.408	ng	96
61) 4-Chlorophenyl-phenylether	10.36	204	111	0.007	ng	# 1
62) 4-Nitroaniline	10.46	138	1623	0.181	ng	83
63) Azobenzene	10.53	77	5813	0.164	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.44	198	238	0.062	ng	# 1
66) n-Nitrosodiphenylamine	10.49	169	10757	0.450	ng	# 15
67) 4-Bromophenyl-phenylether	10.62	248	19434	2.597	ng	# 1
69) Atrazine	11.00	200	598	0.086	ng	# 1
71) Phenanthrene	11.35	178	3805386	109.509	ng	100
72) Anthracene	11.39	178	1025683	28.988	ng	96
73) Carbazole	11.54	167	269111	7.356	ng	94
74) Di-n-butylphthalate	11.88	149	11906	0.286	ng	# 70
75) Fluoranthene	12.54	202	4276309	126.058	ng	98
77) Benzidine	12.64	184	993	0.119	ng	# 1
78) Pyrene	12.77	202	4177447	122.591	ng	100
80) Butylbenzylphthalate	13.37	149	37677	2.303	ng	95
81) Benzo(a)anthracene	13.94	228	1959184	79.305	ng	98
82) 3,3'-Dichlorobenzidine	13.91	252	1093	0.117	ng	# 1
83) Chrysene	13.99	228	1777741	70.532	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	26274	1.314	ng	# 84
85) Di-n-octyl phthalate	14.53	149	9346	0.285	ng	# 51
86) Indeno(1,2,3-cd)pyrene	16.81	276	706708	35.849	ng	92
88) Benzo(b)fluoranthene	14.99	252	2201594	113.636	ng	# 97
89) Benzo(k)fluoranthene	14.99	252	2201594	113.845	ng	# 96
90) Benzo(a)pyrene	15.34	252	1224956	67.905	ng	98
91) Dibenzo(a,h)anthracene	16.82	278	185211	12.340	ng	# 91
92) Benzo(g,h,i)perylene	17.24	276	675671	45.029	ng	96

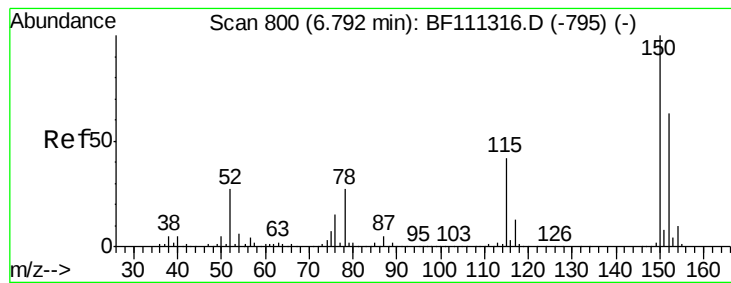
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
Data File : BF111331.D
Acq On : 12 Dec 2018 19:43
Operator : JU/SJ
Sample : J6214-23
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-3(0-2)

Quant Time: Dec 13 01:20:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration

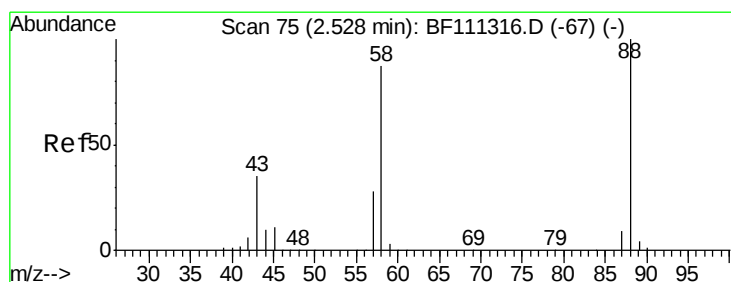
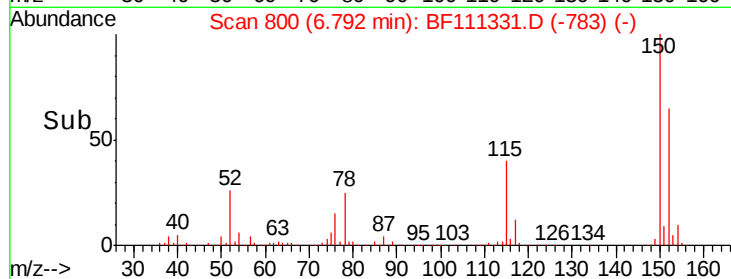
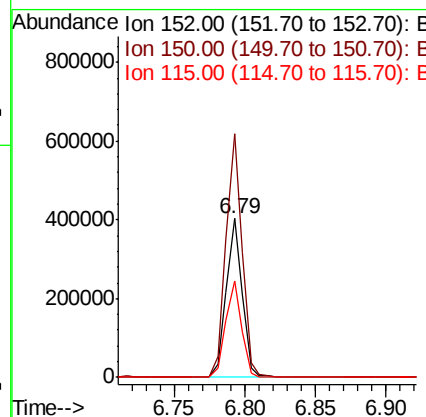
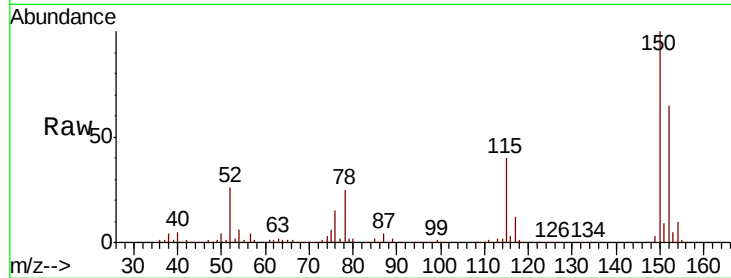




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF111331.D
 Acq: 12 Dec 2018 19:43

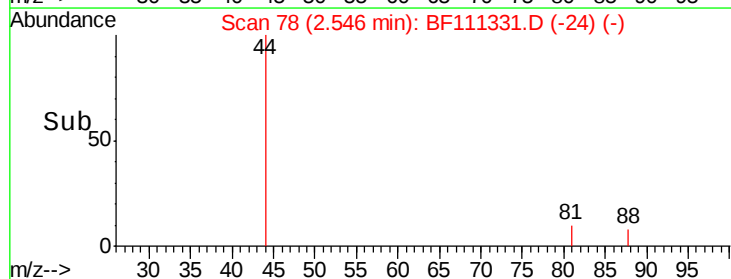
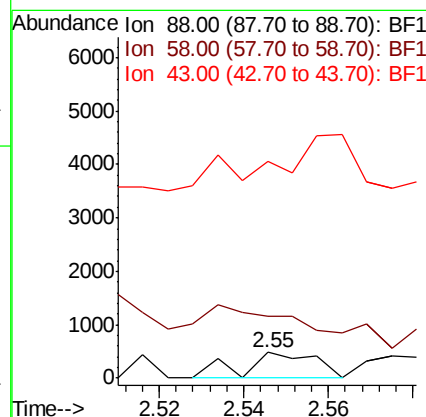
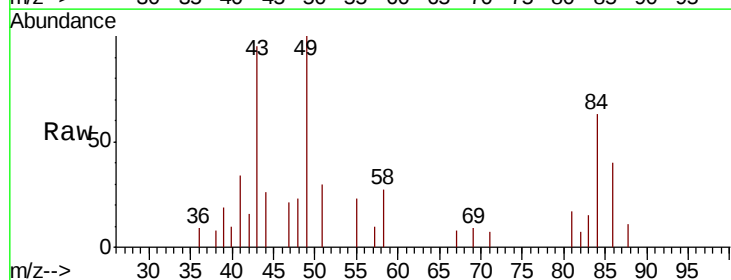
Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

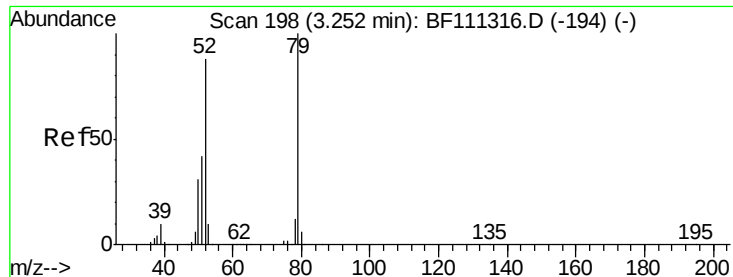
Tgt Ion:152 Resp: 318578
 Ion Ratio Lower Upper
 152 100
 150 153.4 126.6 189.8
 115 61.1 50.7 76.1



#2
 1,4-Dioxane
 Concen: 0.061 ng
 RT: 2.55 min Scan# 78
 Delta R.T. 0.02 min
 Lab File: BF111331.D
 Acq: 12 Dec 2018 19:43

Tgt Ion: 88 Resp: 572
 Ion Ratio Lower Upper
 88 100
 58 261.5 68.9 103.3#
 43 61.5 25.8 38.6#





#3

Pyridine

Concen: 0.012 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

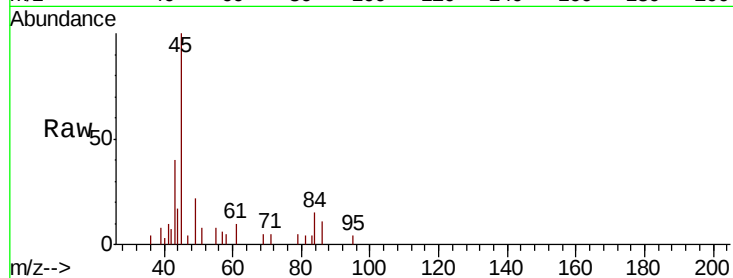
Tgt Ion: 79 Resp: 276

Ion Ratio Lower Upper

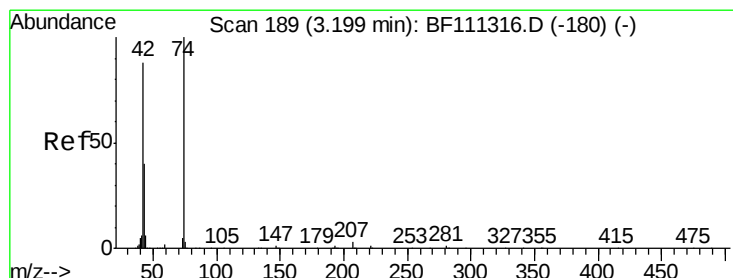
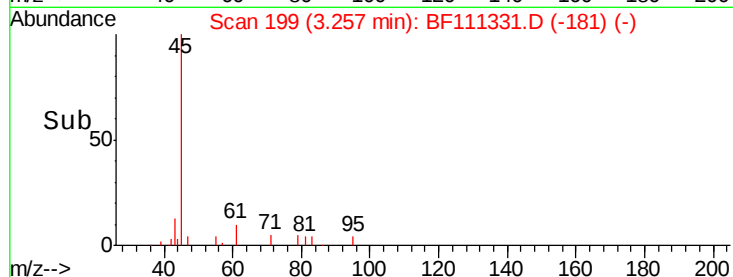
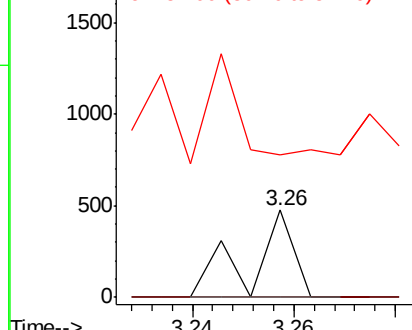
79 100

52 0.0 68.3 102.5#

51 164.2 32.6 49.0#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 0.114 ng

RT: 3.17 min Scan# 185

Delta R.T. -0.02 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

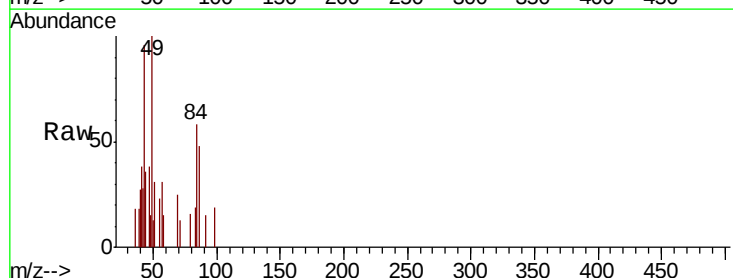
Tgt Ion: 42 Resp: 1234

Ion Ratio Lower Upper

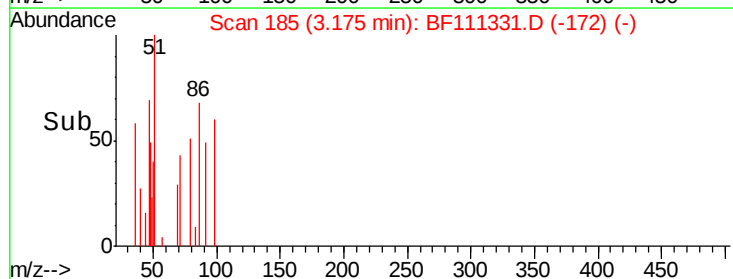
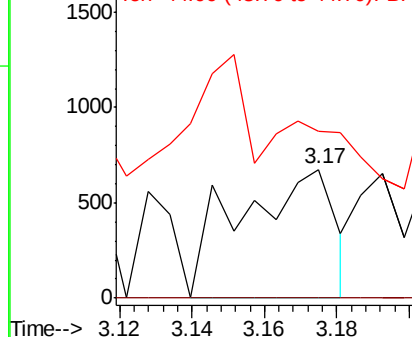
42 100

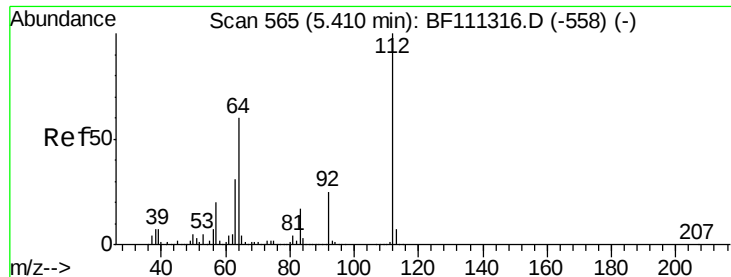
74 0.0 101.5 152.3#

44 129.6 6.0 9.0#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 92.749 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

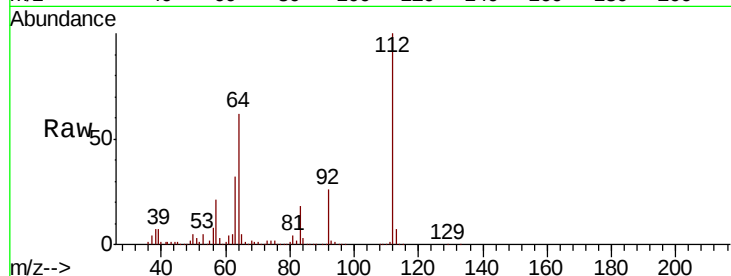
Tgt Ion: 112 Resp: 1747326

Ion Ratio Lower Upper

112 100

64 62.5 51.8 77.6

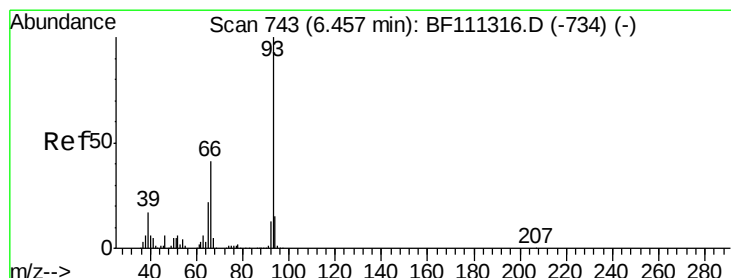
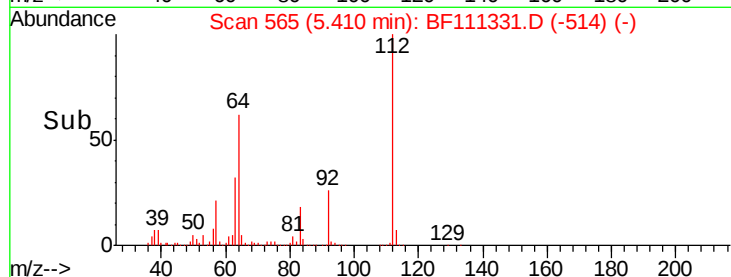
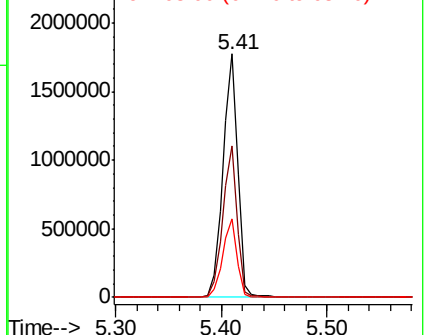
63 32.5 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.122 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

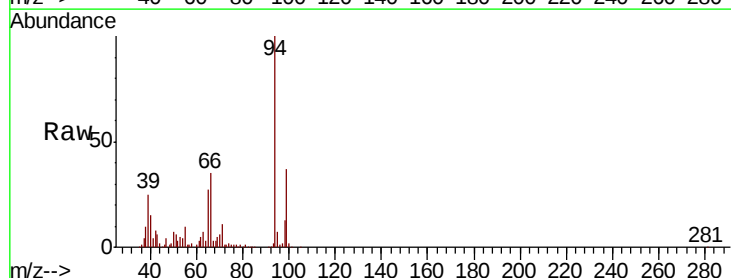
Tgt Ion: 93 Resp: 3738

Ion Ratio Lower Upper

93 100

66 1554.2 33.2 49.8#

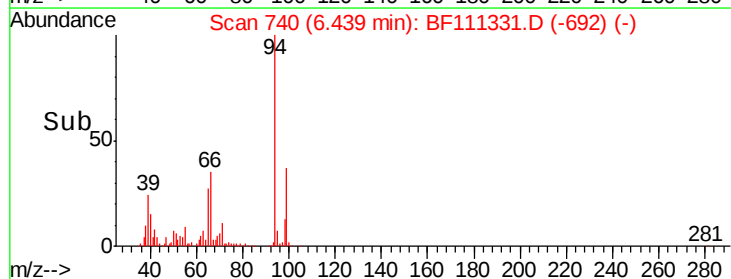
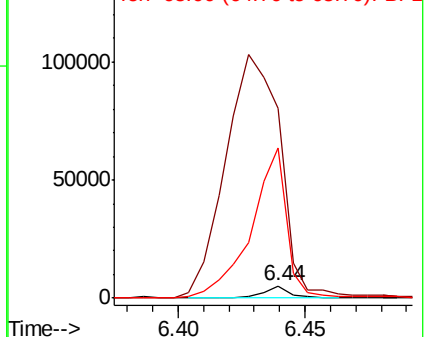
65 1225.1 17.0 25.4#

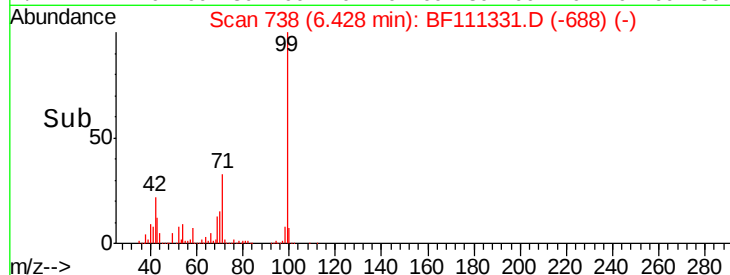
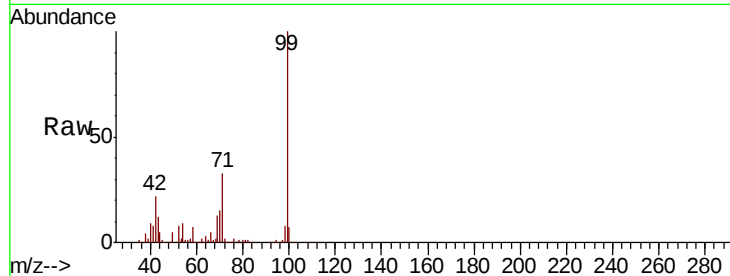
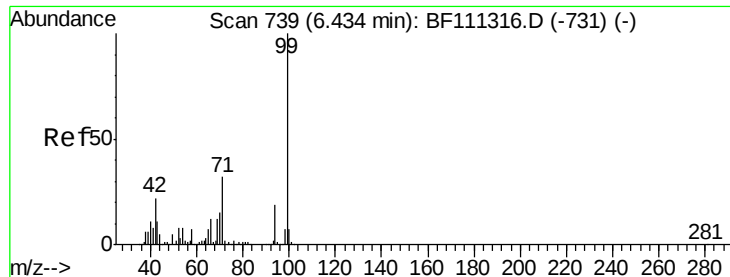


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.270 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

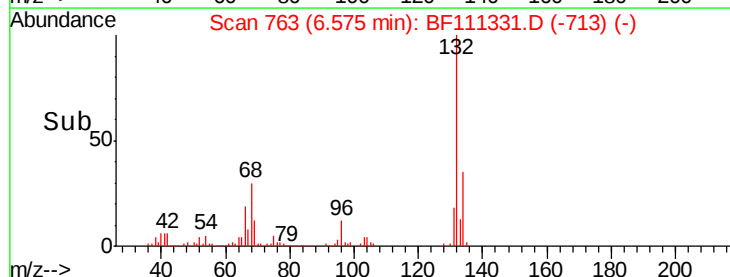
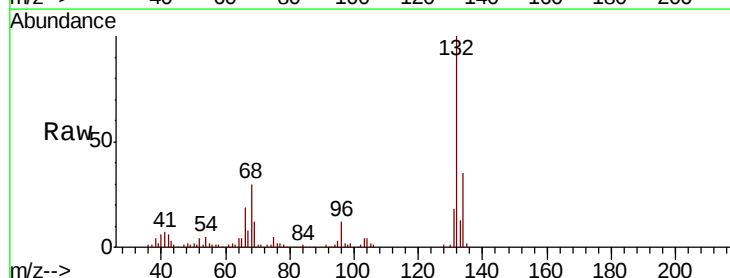
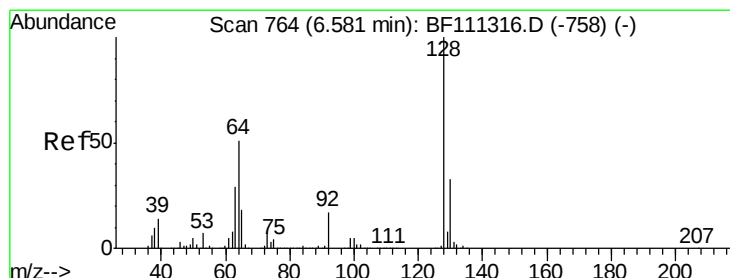
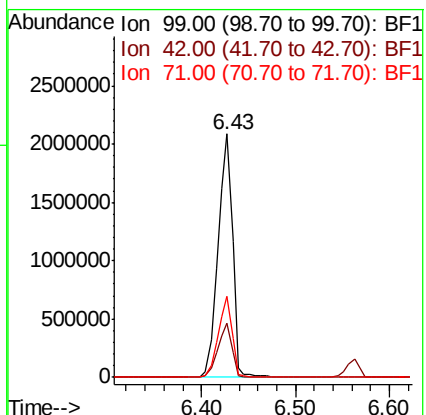
Tgt Ion: 99 Resp: 2267501

Ion Ratio Lower Upper

99 100

42 22.5 17.4 26.0

71 33.3 26.1 39.1



#8

2-Chlorophenol

Concen: 0.042 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

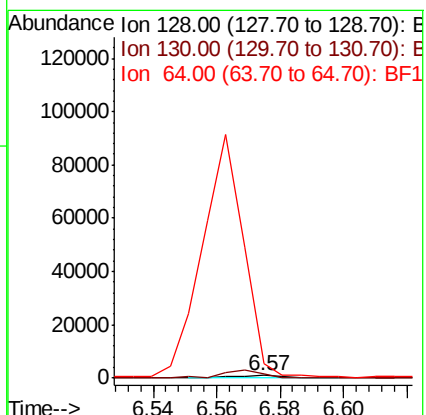
Tgt Ion: 128 Resp: 982

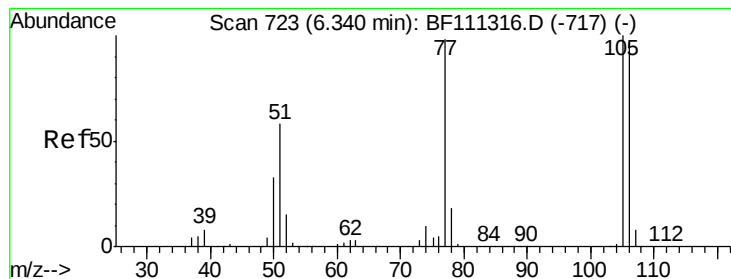
Ion Ratio Lower Upper

128 100

130 178.8 12.7 52.7#

64 542.6 30.0 70.0#





#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 738

Delta R.T. 0.09 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

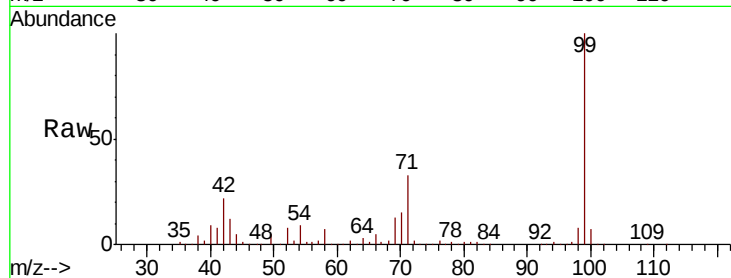
Tgt Ion: 77 Resp: 4877

Ion Ratio Lower Upper

77 100

105 0.0 81.4 121.4#

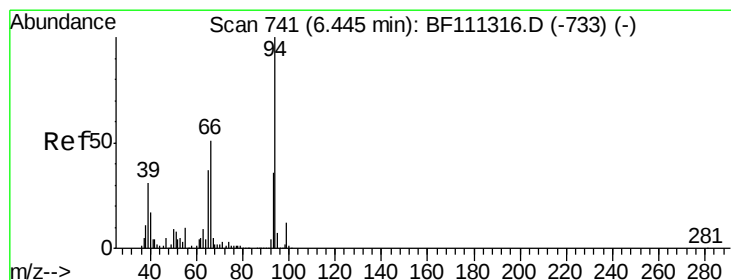
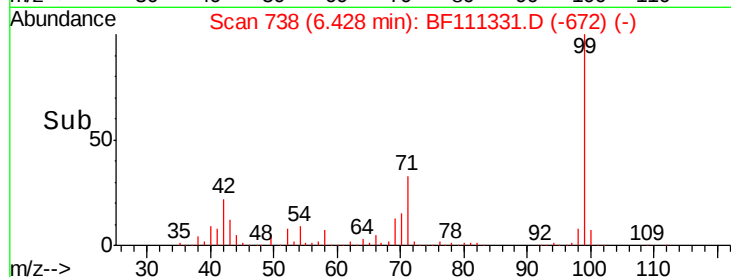
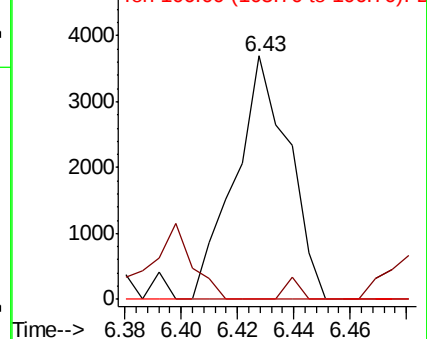
106 0.0 77.9 117.9#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 5.477 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

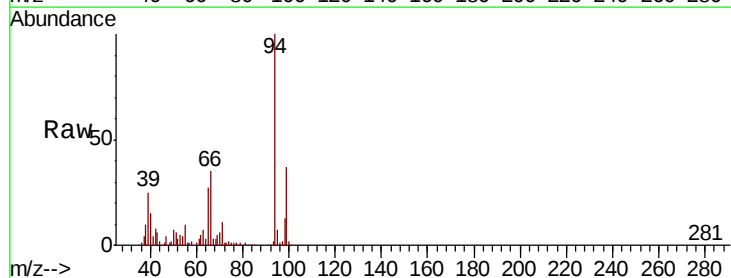
Tgt Ion: 94 Resp: 157583

Ion Ratio Lower Upper

94 100

65 27.3 11.7 51.7

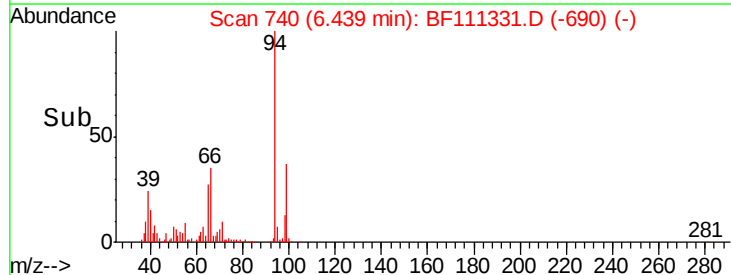
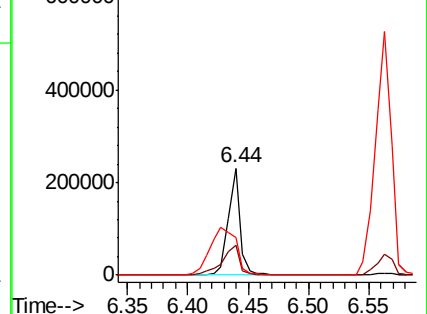
66 34.7 21.0 61.0

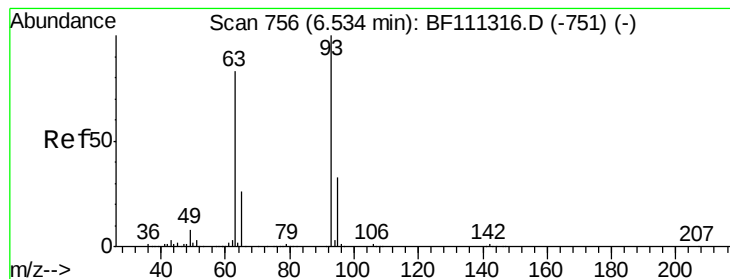


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.007 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

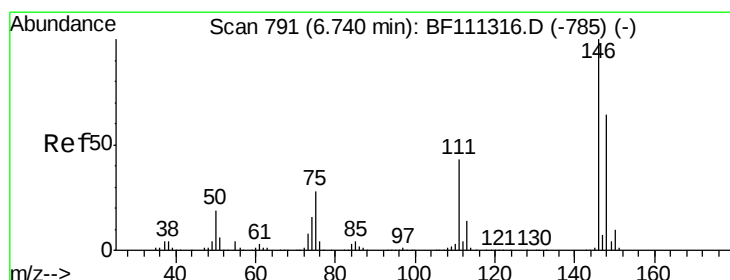
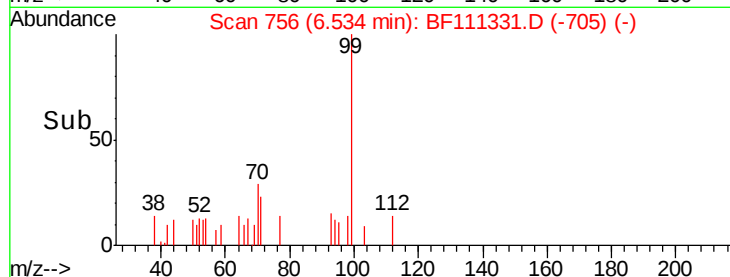
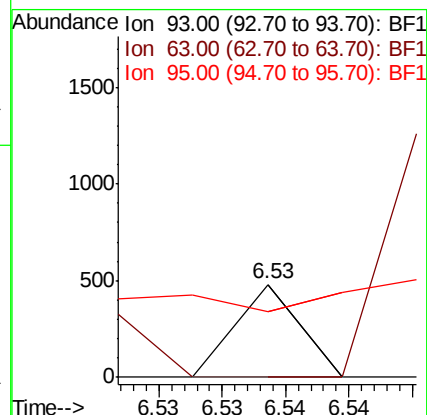
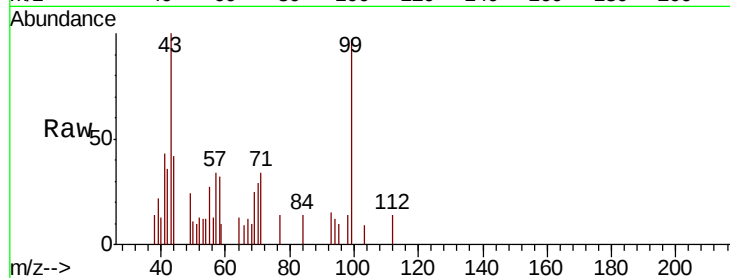
Tgt Ion: 93 Resp: 169

Ion Ratio Lower Upper

93 100

63 0.0 60.0 100.0#

95 71.2 13.4 53.4#



#12

1,3-Dichlorobenzene

Concen: 0.011 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.21 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

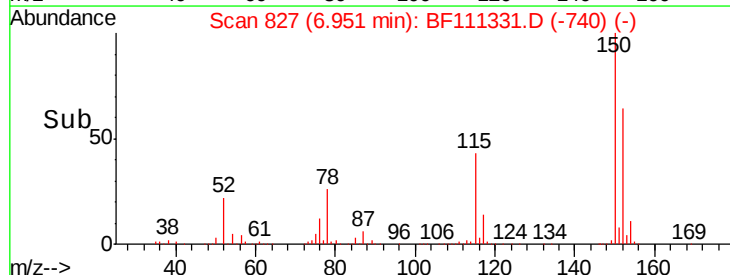
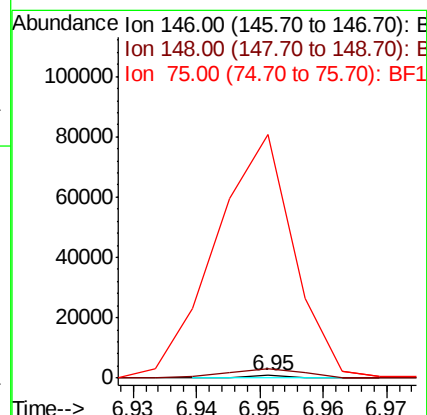
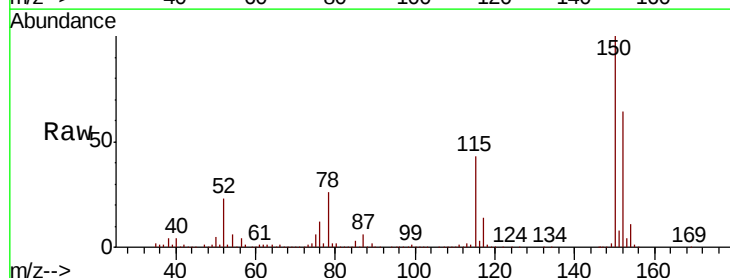
Tgt Ion: 146 Resp: 278

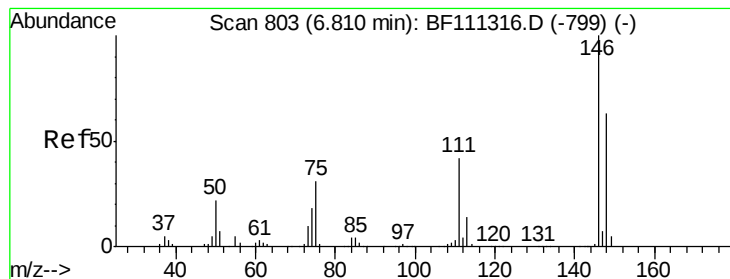
Ion Ratio Lower Upper

146 100

148 378.7 52.1 78.1#

75 10242.6 23.9 35.9#





#13

1,4-Dichlorobenzene

Concen: 0.011 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.14 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

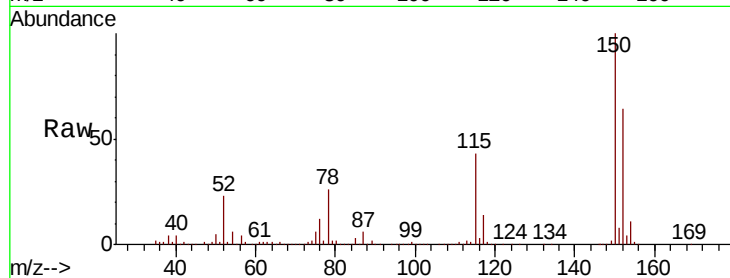
Tgt Ion:146 Resp: 278

Ion Ratio Lower Upper

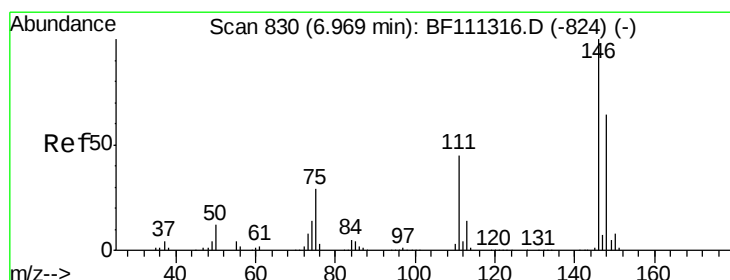
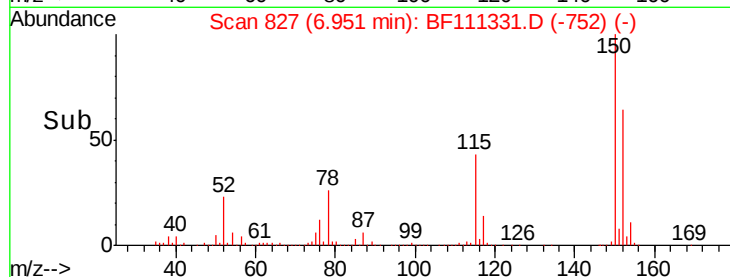
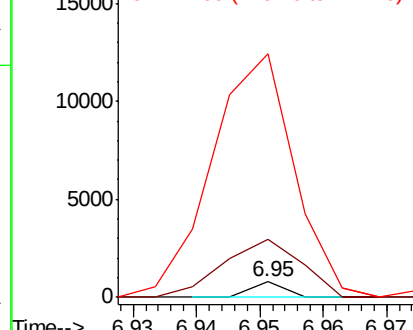
146 100

148 378.7 52.8 79.2#

111 1576.9 33.4 50.0#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.012 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

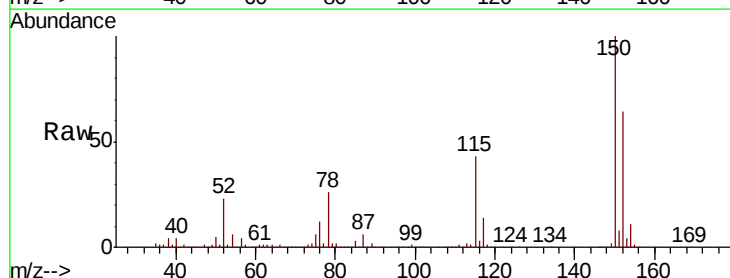
Tgt Ion:146 Resp: 278

Ion Ratio Lower Upper

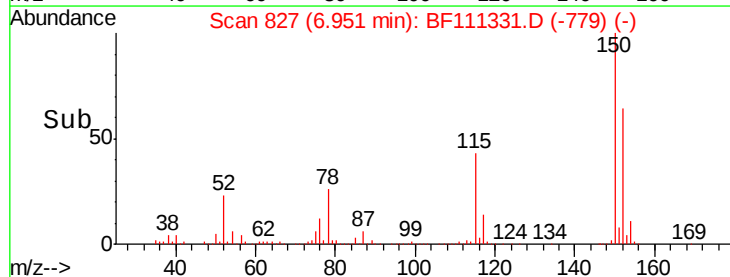
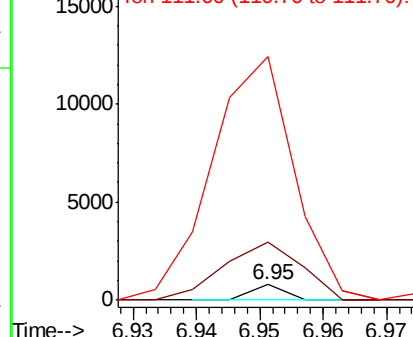
146 100

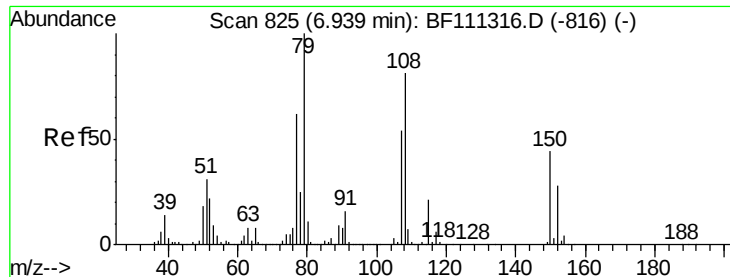
148 378.7 51.9 77.9#

111 1576.9 36.2 54.4#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.127 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

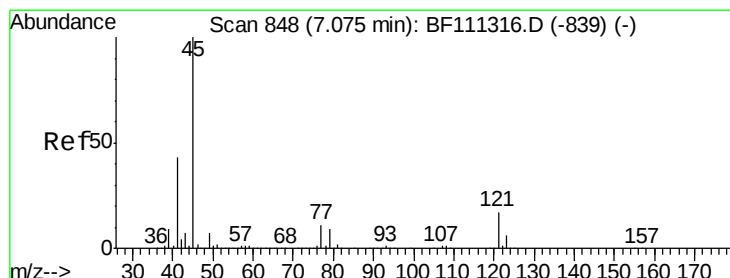
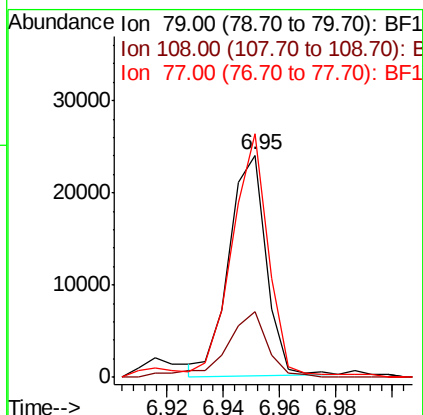
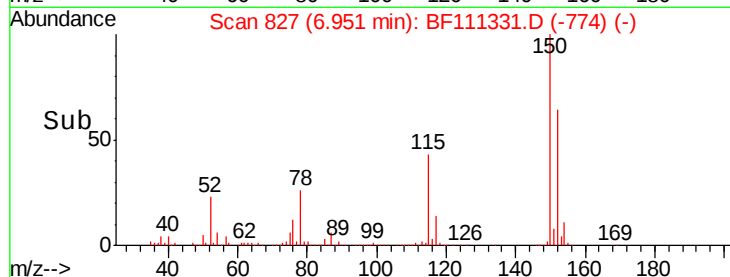
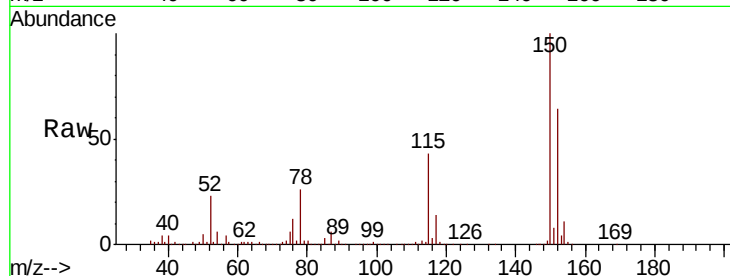
Tgt Ion: 79 Resp: 21926

Ion Ratio Lower Upper

79 100

108 29.3 69.4 104.2#

77 109.5 49.7 74.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.015 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.09 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

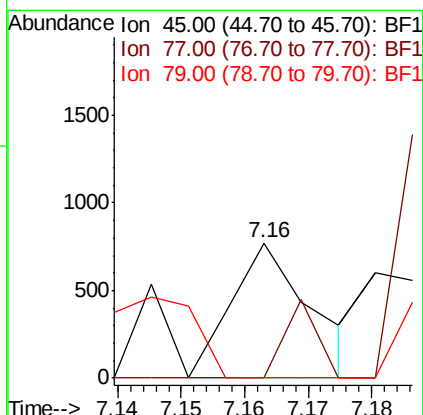
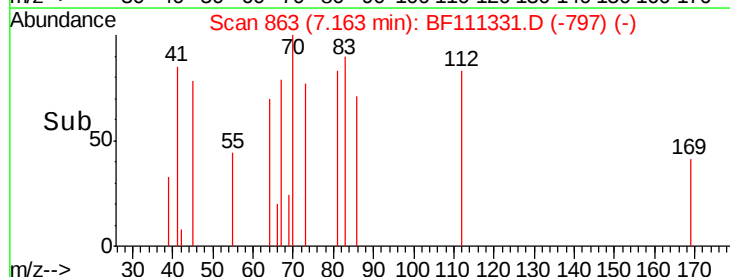
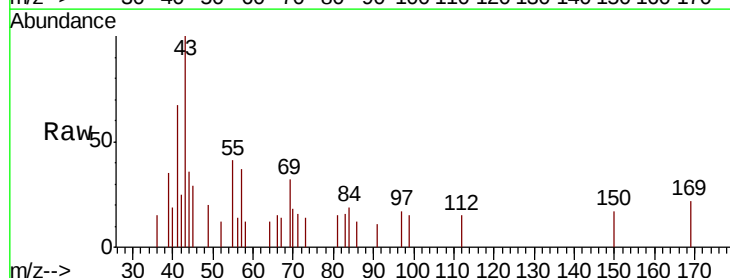
Tgt Ion: 45 Resp: 662

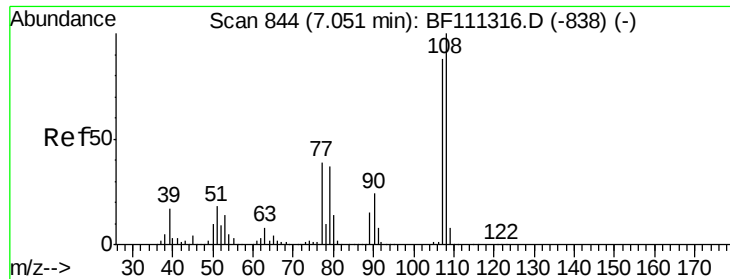
Ion Ratio Lower Upper

45 100

77 0.0 0.0 31.5

79 0.0 0.0 28.9





#17

2-Methylphenol

Concen: 0.036 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

Tgt Ion:107 Resp: 668

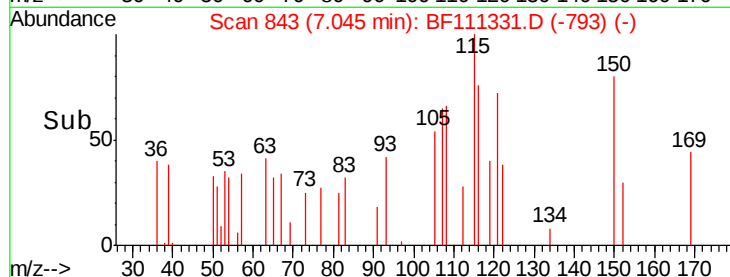
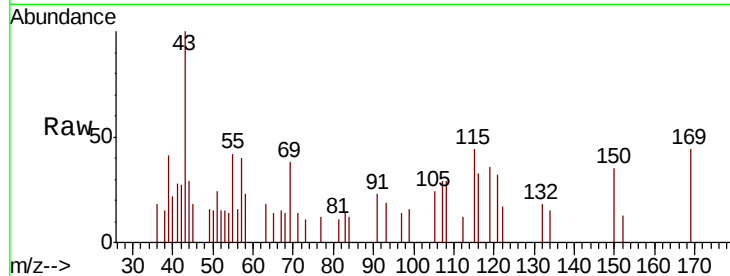
Ion Ratio Lower Upper

107 100

108 101.3 91.0 136.4

77 40.8 33.5 50.3

79 0.0 33.3 49.9#

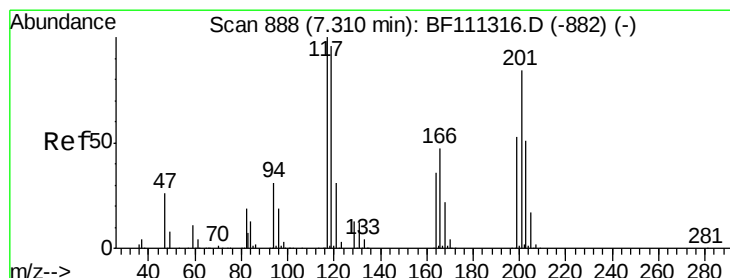
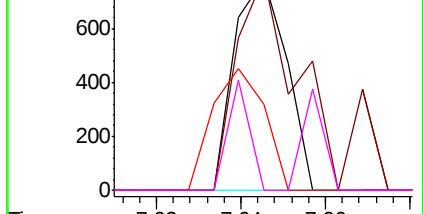


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 0.051 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.02 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

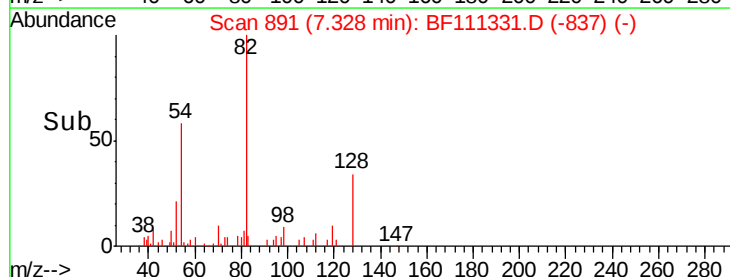
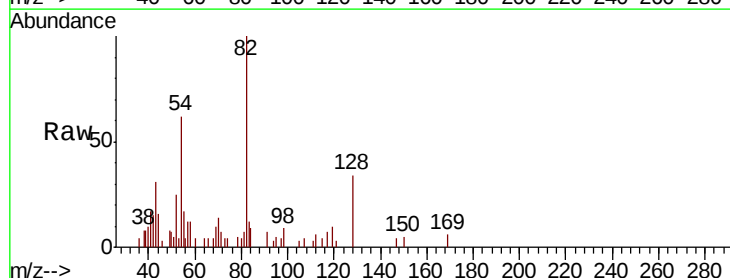
Tgt Ion:117 Resp: 481

Ion Ratio Lower Upper

117 100

119 153.2 75.4 113.0#

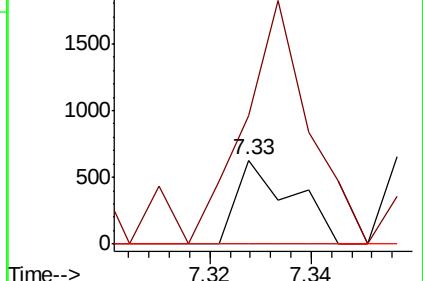
201 0.0 62.4 93.6#

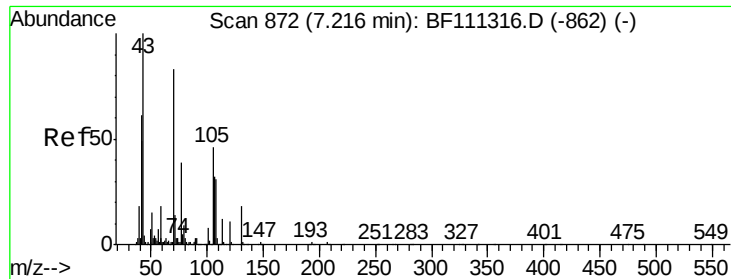


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

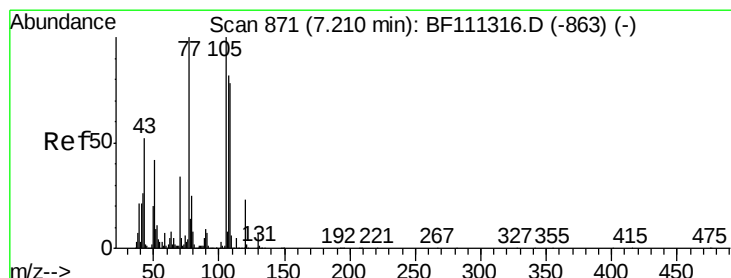
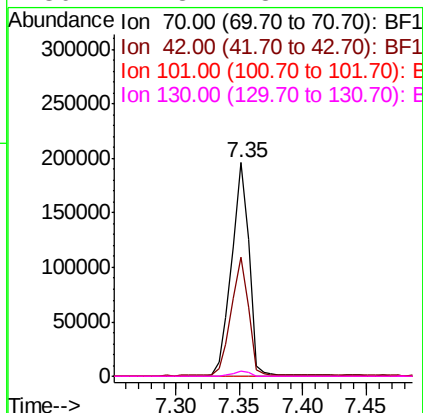
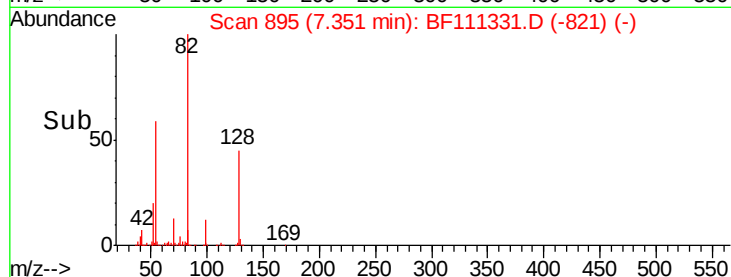
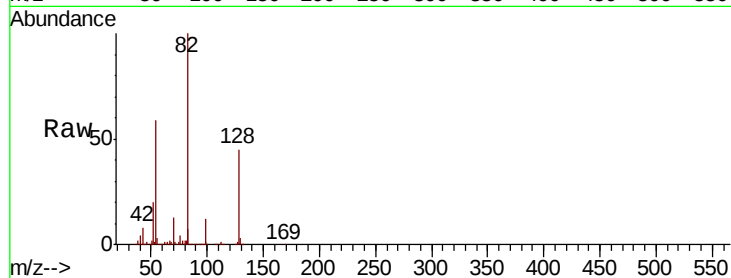




#19
n-Nitroso-di-n-propylamine
Concen: 11.212 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

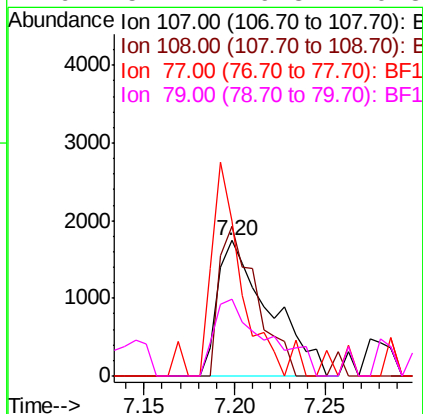
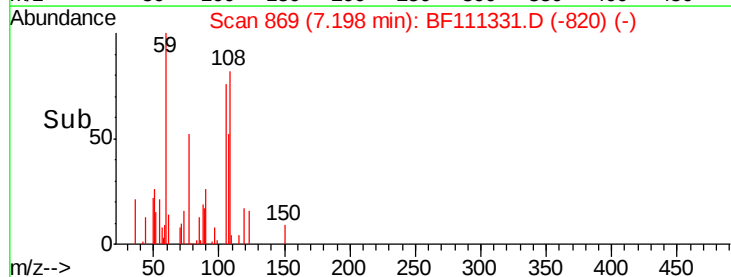
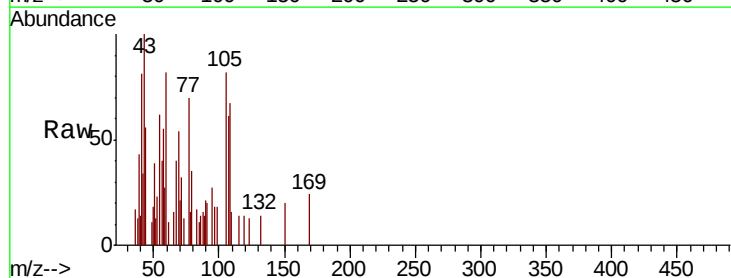
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

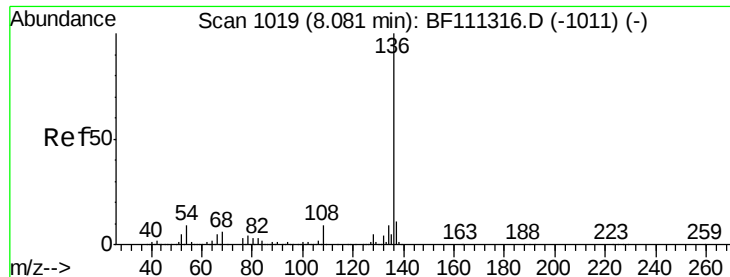
Tgt Ion:	70	Resp:	189252
Ion	Ratio	Lower	Upper
70	100		
42	55.9	53.2	79.8
101	0.0	8.2	12.4#
130	2.3	18.1	27.1#



#20
3+4-Methylphenols
Concen: 0.155 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

Tgt Ion:	107	Resp:	3465
Ion	Ratio	Lower	Upper
107	100		
108	110.5	72.1	112.1
77	114.6	94.1	134.1
79	57.1	9.8	49.8#

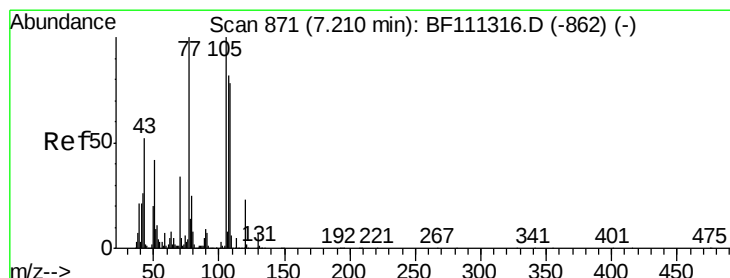
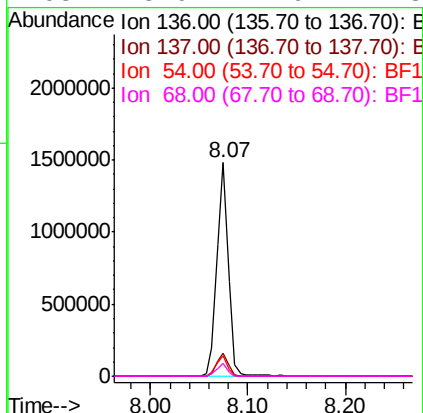
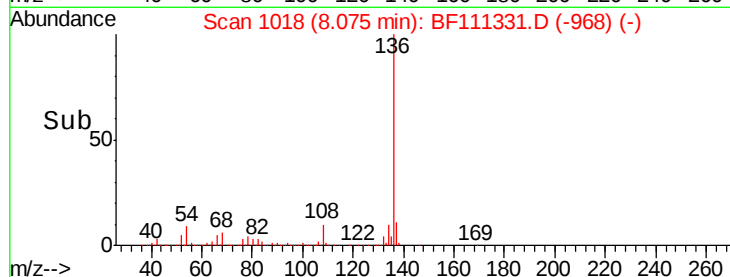
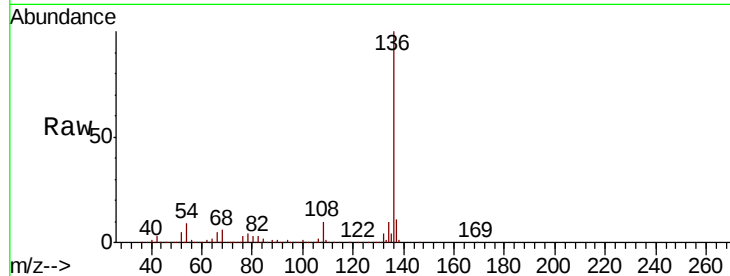




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

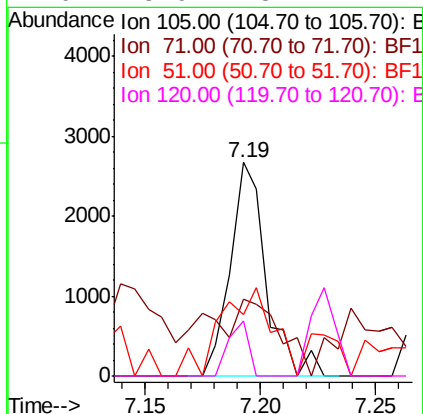
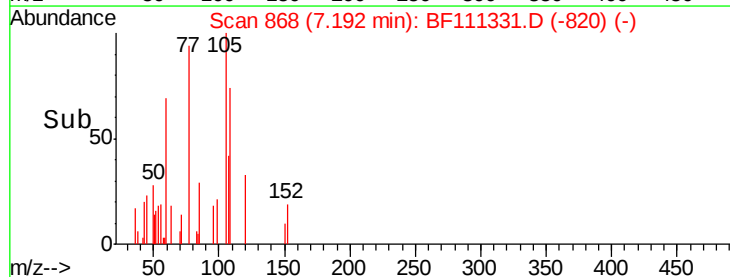
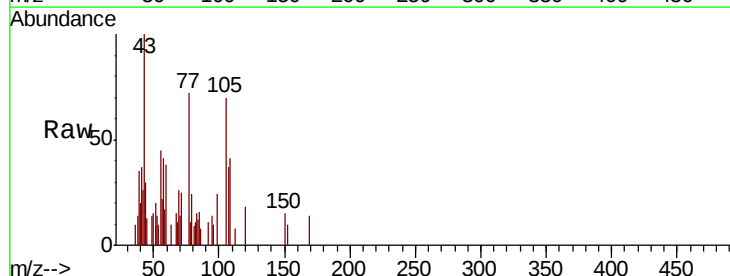
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

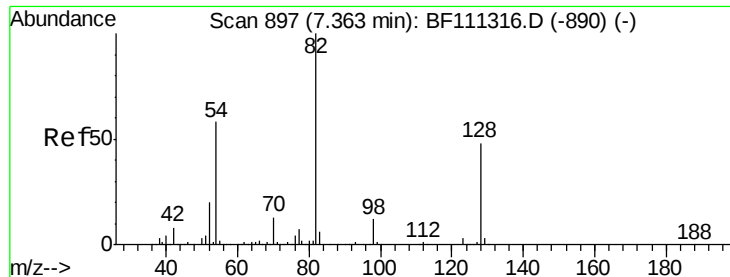
Tgt Ion:	136	Resp:	1212453
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.5	7.7	11.5
68	5.9	4.9	7.3



#22
Acetophenone
Concen: 0.102 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

Tgt Ion:	105	Resp:	2879
Ion	Ratio	Lower	Upper
105	100		
71	35.8	3.1	4.7#
51	28.9	36.6	54.8#
120	25.9	18.2	27.4

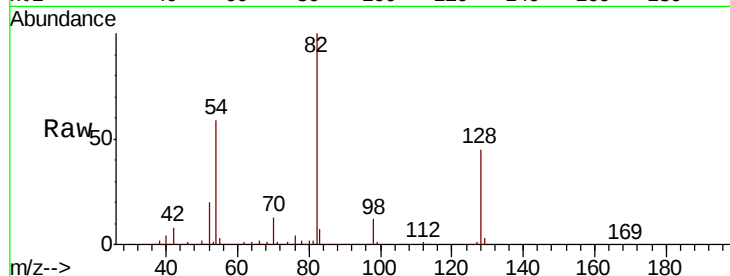




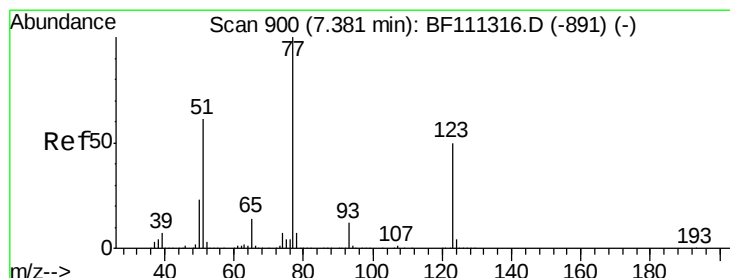
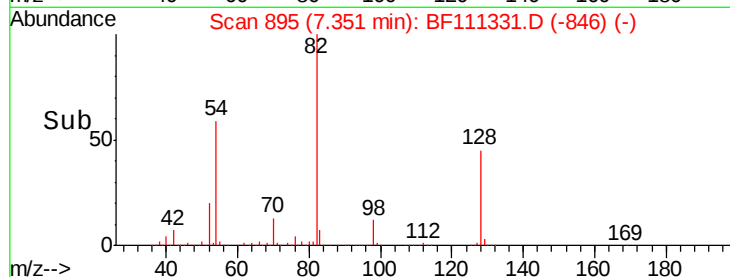
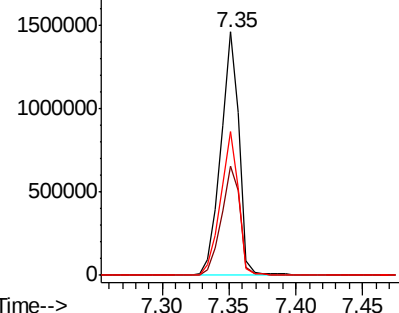
#23
 Nitrobenzene-d5
 Concen: 65.552 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111331.D
 Acq: 12 Dec 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

Tgt Ion: 82 Resp: 1410123
 Ion Ratio Lower Upper
 82 100
 128 44.7 37.4 56.2
 54 59.0 47.6 71.4

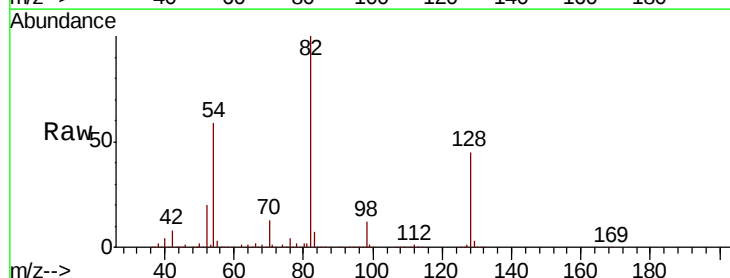


Abundance Ion 82.00 (81.70 to 82.70): BF1
 2000000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

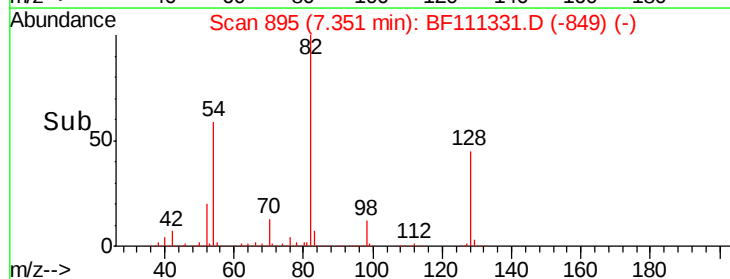
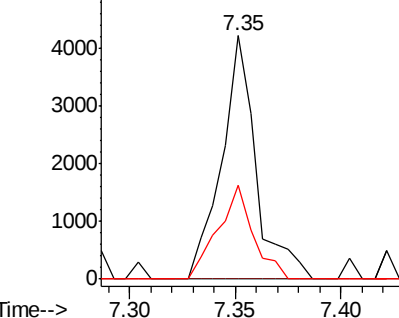


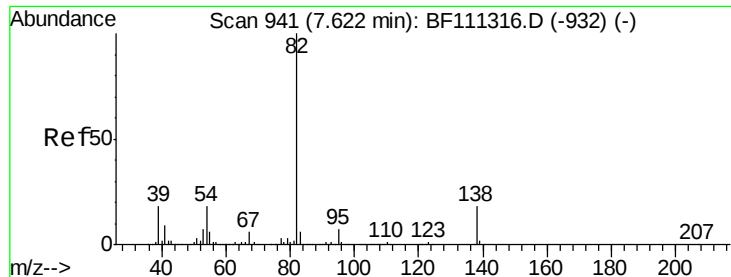
#24
 Nitrobenzene
 Concen: 0.216 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.03 min
 Lab File: BF111331.D
 Acq: 12 Dec 2018 19:43

Tgt Ion: 77 Resp: 4784
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.2 55.8#
 65 38.8 11.5 17.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
 5000 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

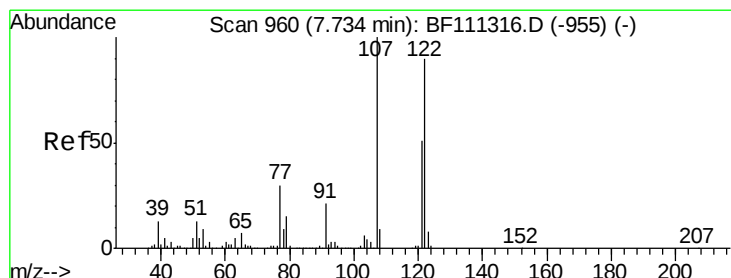
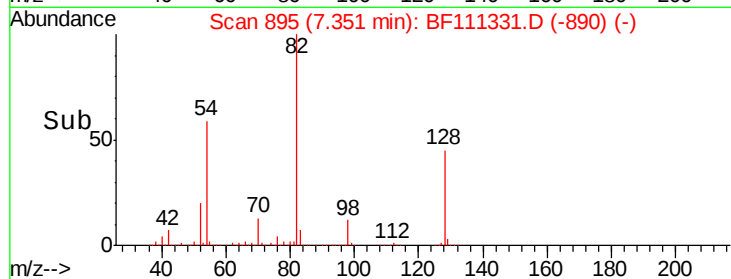
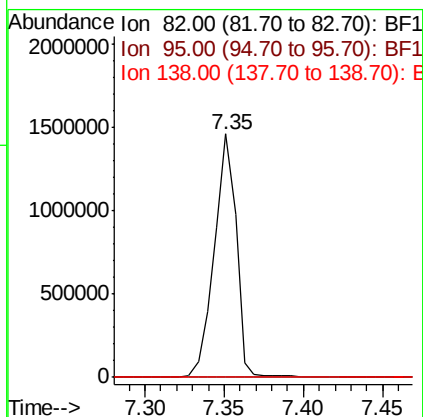
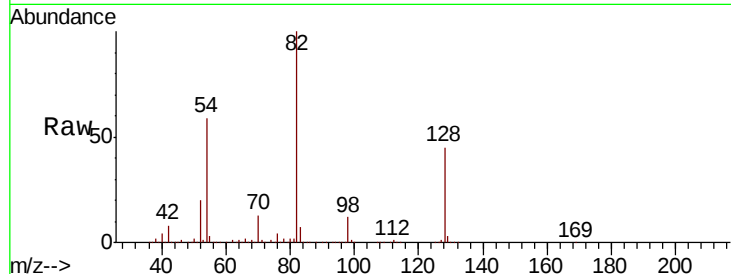




#25
Isophorone
Concen: 38.045 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.27 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

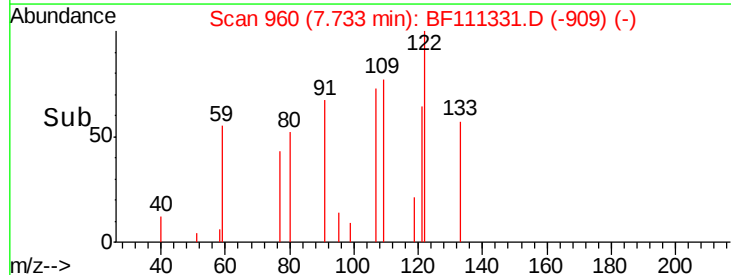
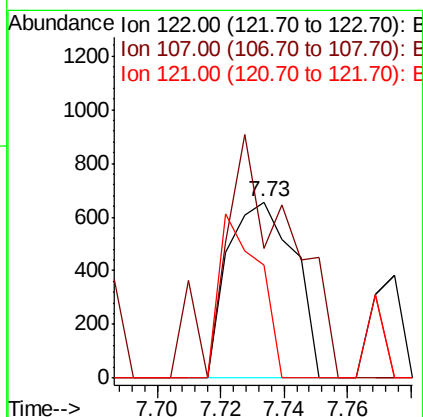
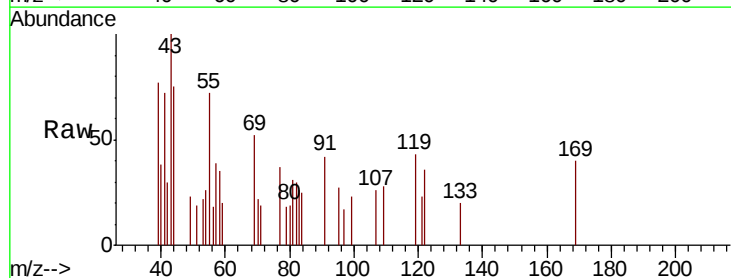
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

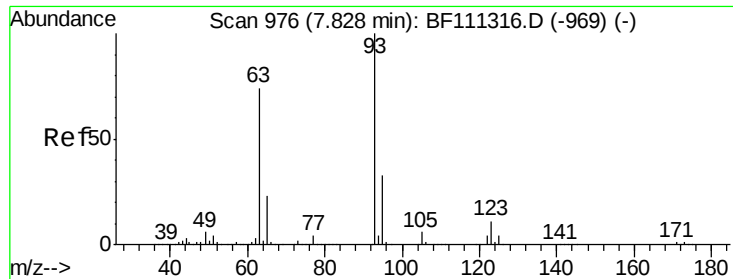
Tgt Ion: 82 Resp: 1390155
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



#27
2,4-Dimethylphenol
Concen: 0.058 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

Tgt Ion: 122 Resp: 952
Ion Ratio Lower Upper
122 100
107 73.4 85.5 128.3#
121 64.4 46.6 70.0

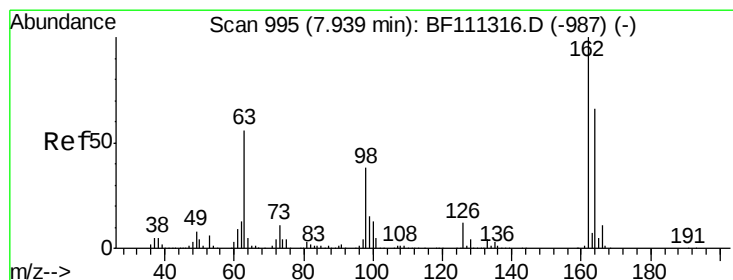
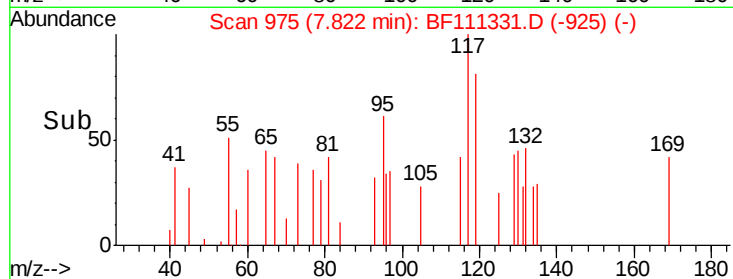
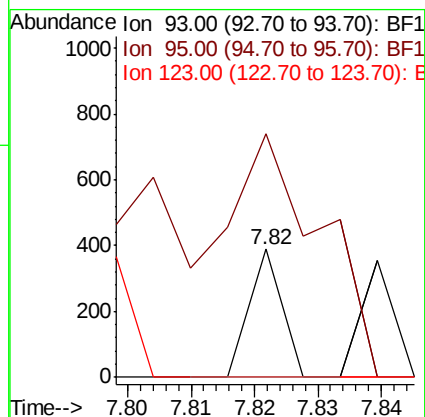
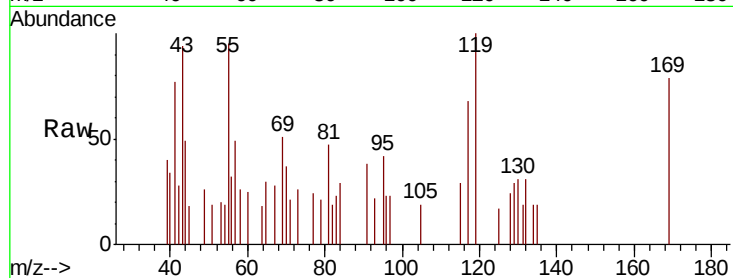




#28
bis(2-Chloroethoxy)methane
Concen: 0.005 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

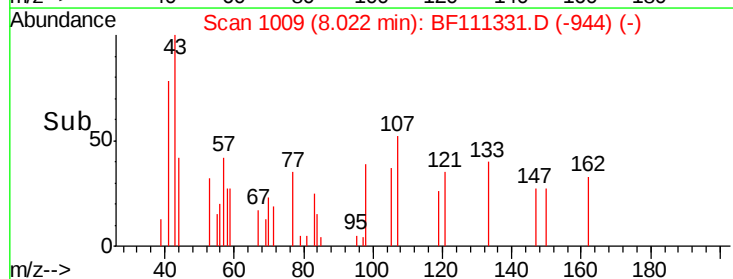
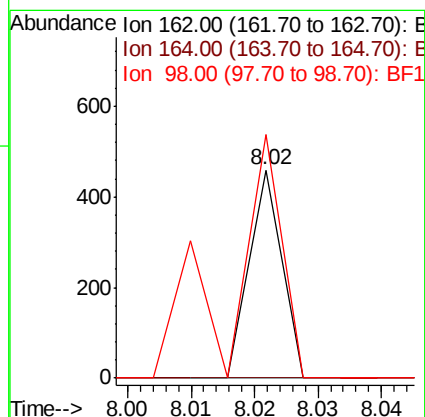
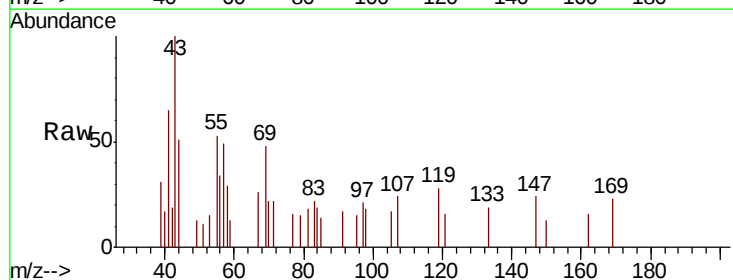
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

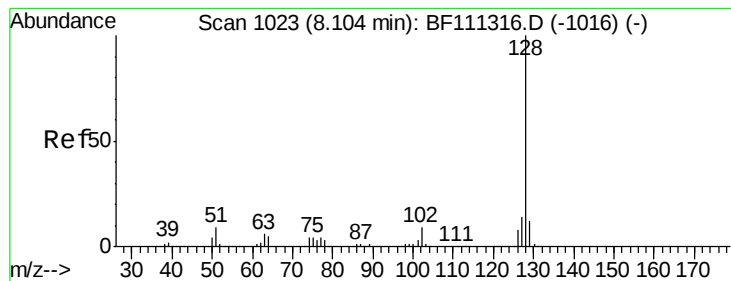
Tgt Ion: 93 Resp: 137
Ion Ratio Lower Upper
93 100
95 190.0 27.1 40.7#
123 0.0 9.9 14.9#



#29
2,4-Dichlorophenol
Concen: 0.009 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.08 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

Tgt Ion: 162 Resp: 162
Ion Ratio Lower Upper
162 100
164 0.0 44.4 84.4#
98 117.0 20.3 60.3#





#31

Naphthalene

Concen: 3.562 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

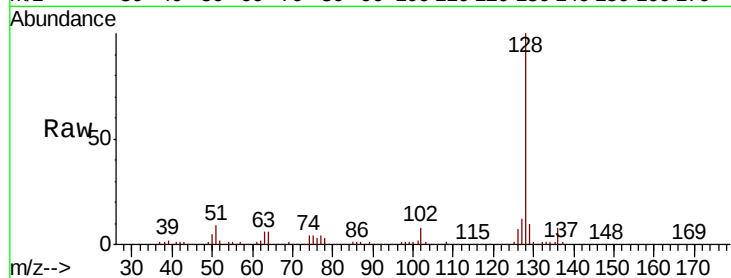
Tgt Ion:128 Resp: 201190

Ion Ratio Lower Upper

128 100

129 10.2 9.8 14.8

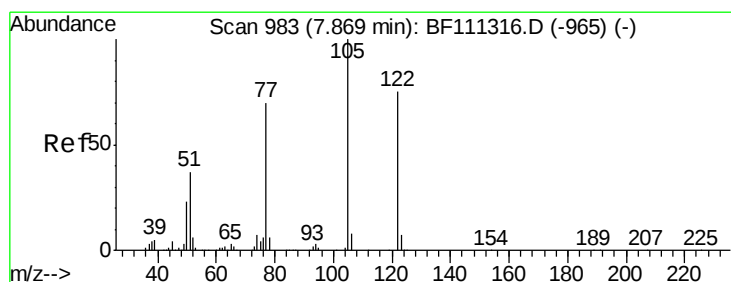
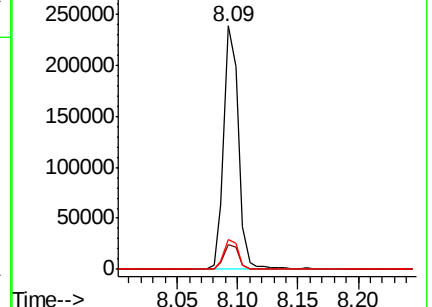
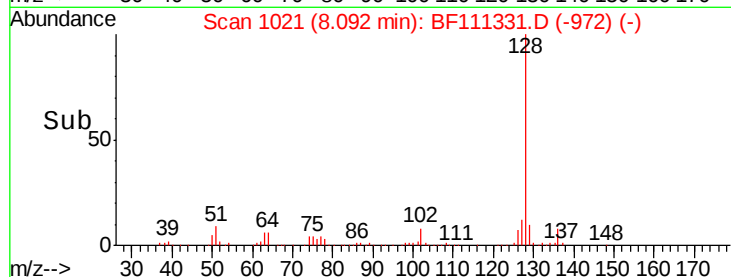
127 12.2 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 0.018 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.09 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

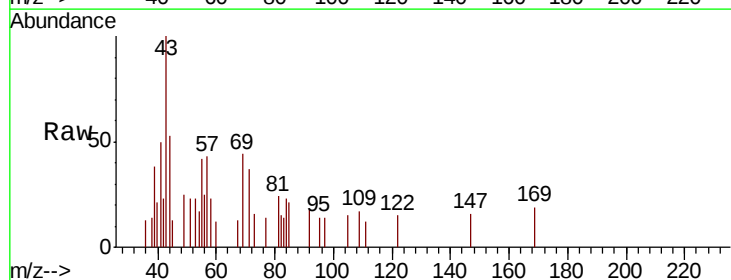
Tgt Ion:122 Resp: 246

Ion Ratio Lower Upper

122 100

105 97.4 97.0 137.0

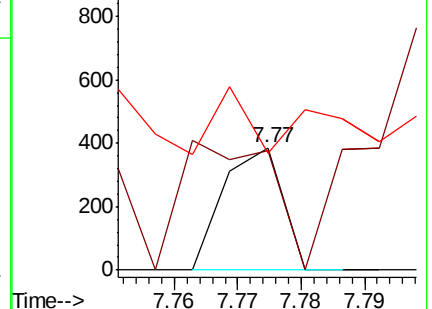
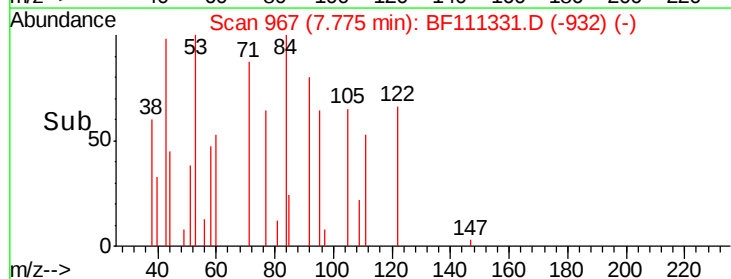
77 95.6 65.7 105.7

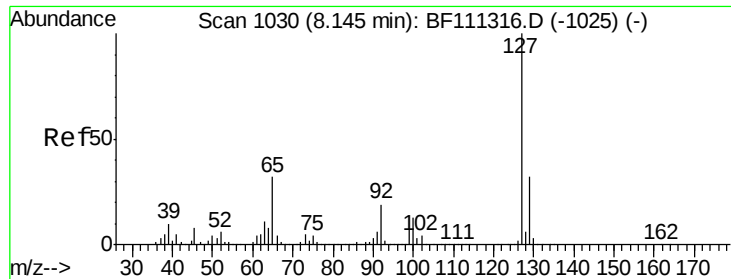


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

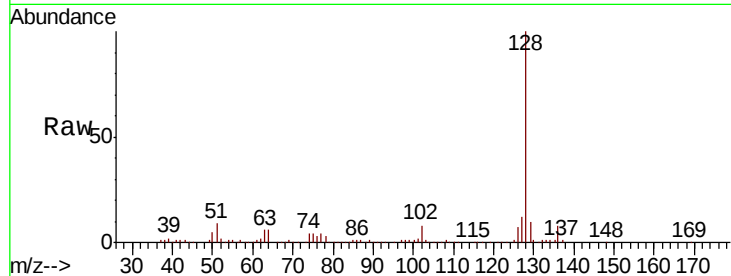




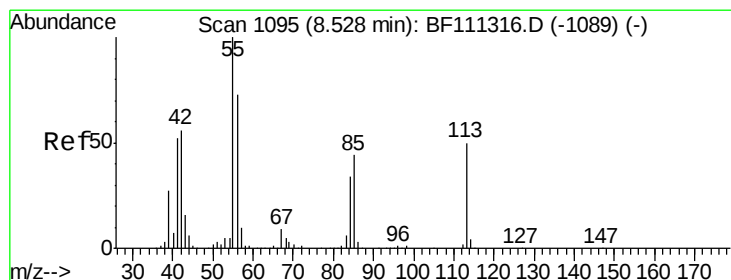
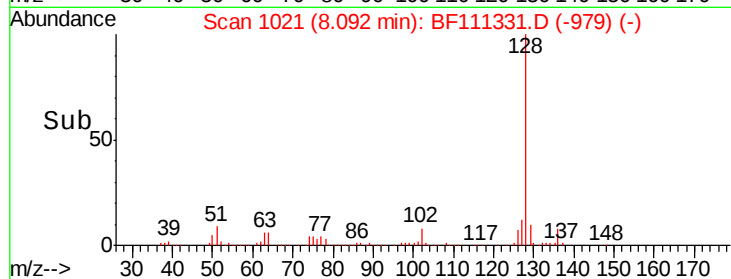
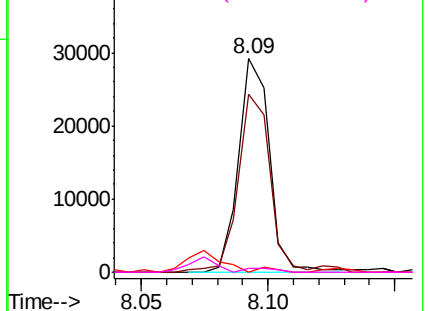
#33
4-Chloroaniline
Concen: 1.023 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.05 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

Tgt Ion:	127	Resp:	24673
Ion	Ratio	Lower	Upper
127	100		
129	83.5	26.6	39.8#
65	0.0	25.7	38.5#
92	2.0	15.4	23.2#

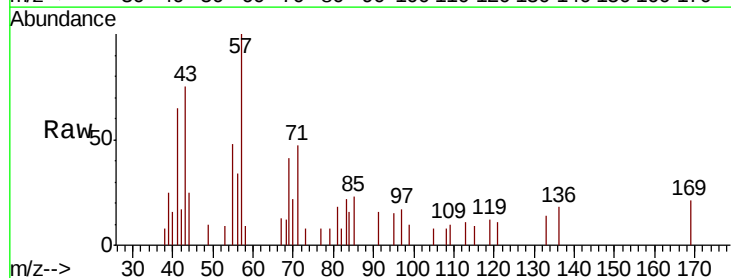


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

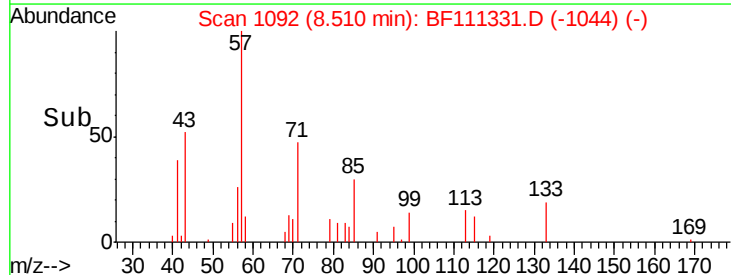
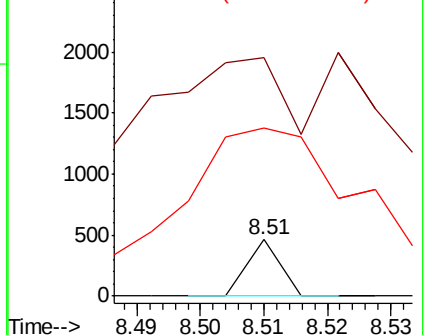


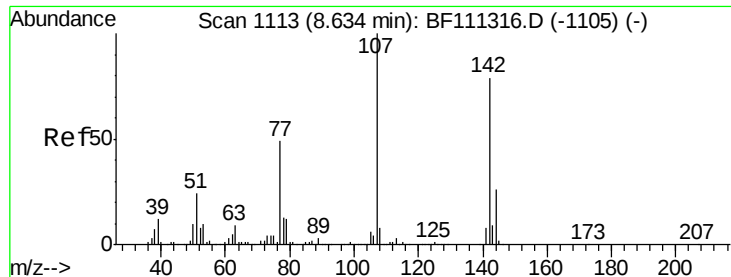
#35
Caprolactam
Concen: 0.027 ng
RT: 8.51 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

Tgt Ion:	113	Resp:	163
Ion	Ratio	Lower	Upper
113	100		
55	424.5	184.1	224.1#
56	298.5	126.0	166.0#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

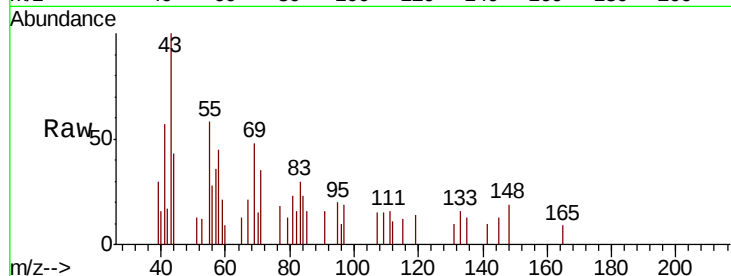




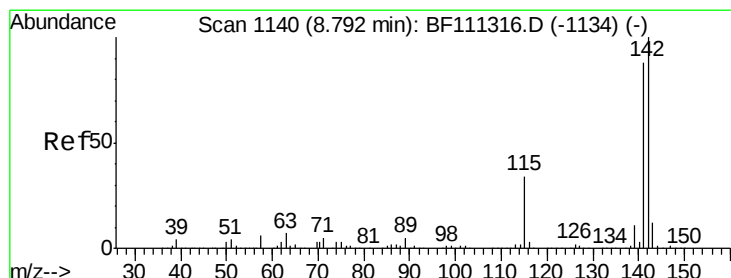
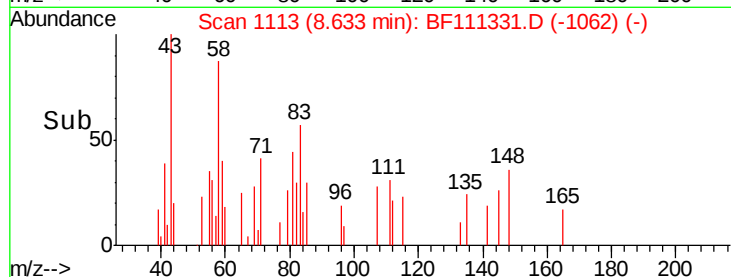
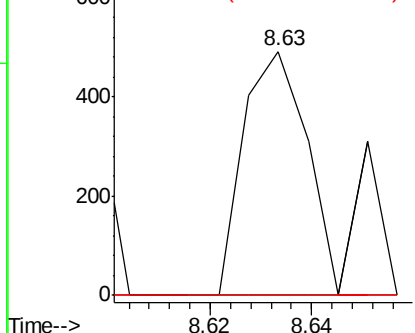
#36
 4-Chloro-3-methylphenol
 Concen: 0.023 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF111331.D
 Acq: 12 Dec 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.8	29.6#
142	0.0	62.3	93.5#

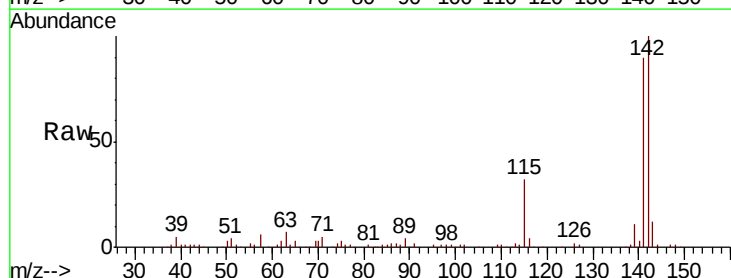


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

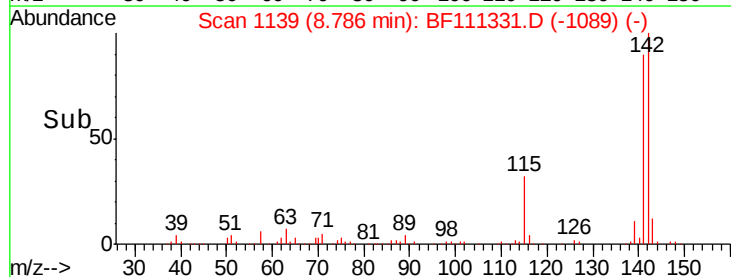
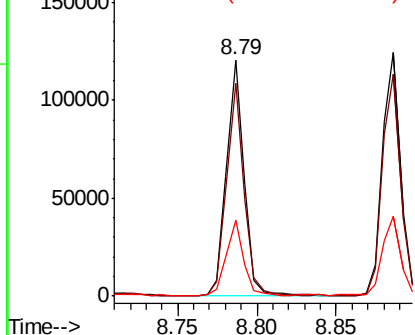


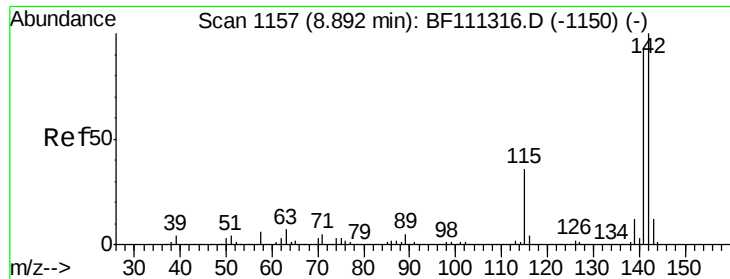
#37
 2-Methylnaphthalene
 Concen: 2.553 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BF111331.D
 Acq: 12 Dec 2018 19:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.6	105.8
115	32.1	27.0	40.6



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

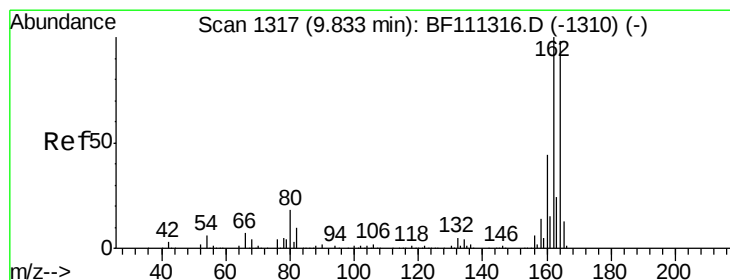
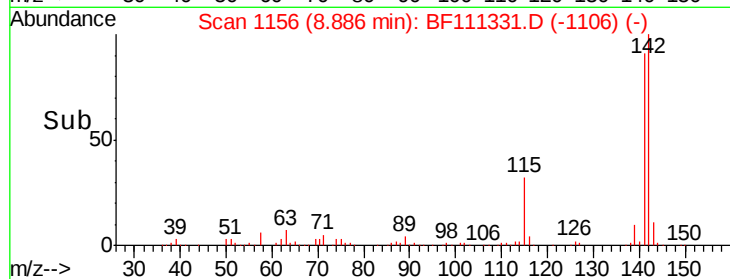
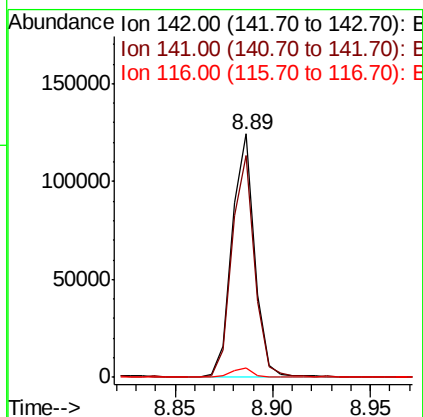
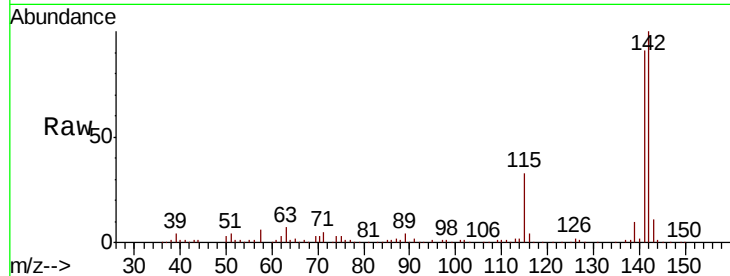




#38
 1-Methylnaphthalene
 Concen: 2.832 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF111331.D
 Acq: 12 Dec 2018 19:43

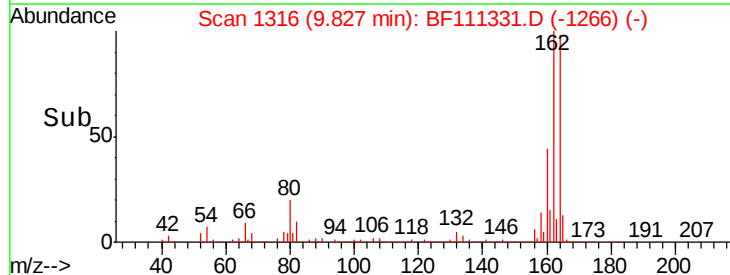
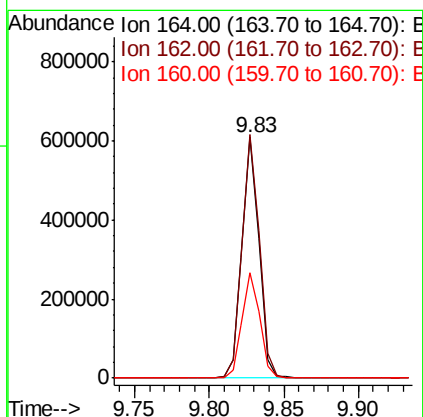
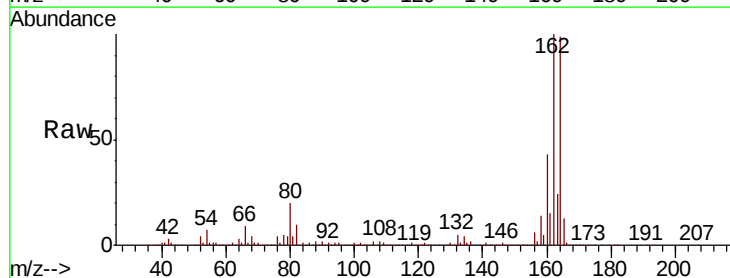
Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

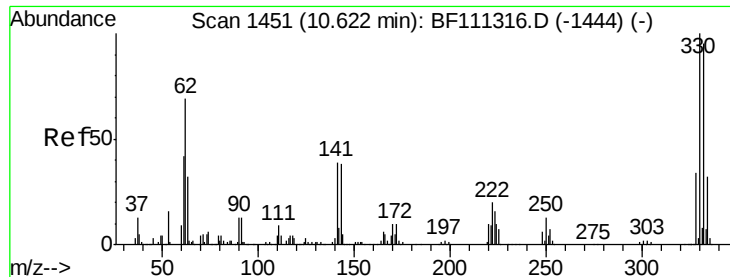
Tgt Ion:142 Resp: 99813
 Ion Ratio Lower Upper
 142 100
 141 90.9 74.2 111.4
 116 3.9 2.9 4.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111331.D
 Acq: 12 Dec 2018 19:43

Tgt Ion:164 Resp: 486960
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.4 122.0
 160 43.9 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 70.298 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

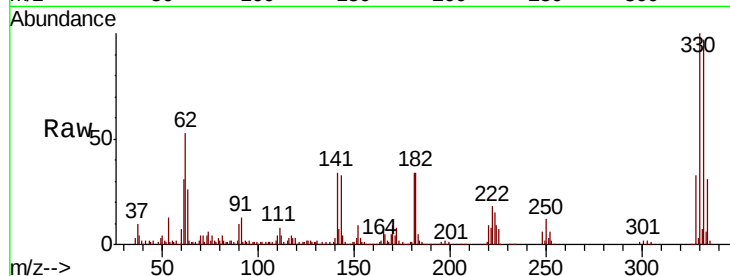
Tgt Ion:330 Resp: 301763

Ion Ratio Lower Upper

330 100

332 95.0 76.0 114.0

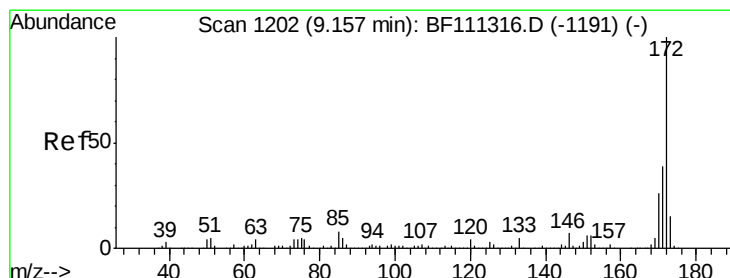
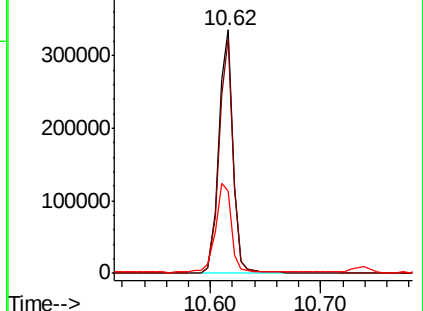
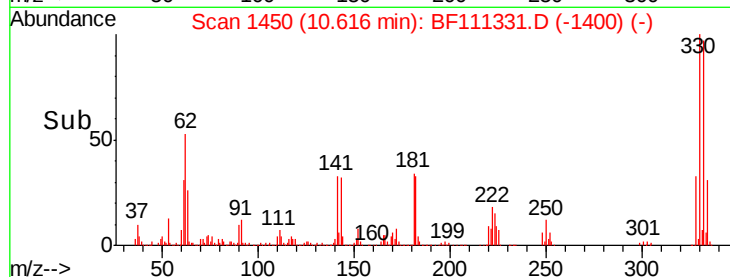
141 40.3 31.0 46.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 65.126 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

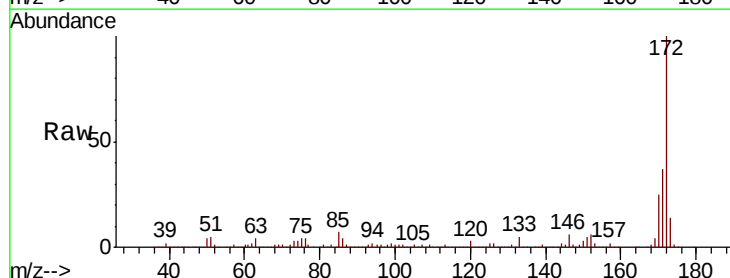
Tgt Ion:172 Resp: 1975347

Ion Ratio Lower Upper

172 100

171 37.0 33.0 49.4

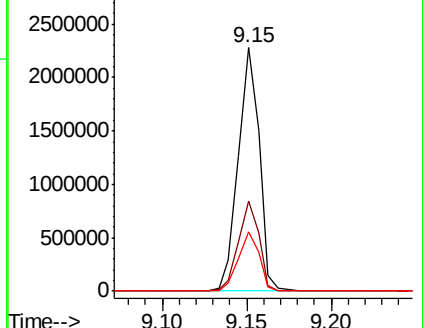
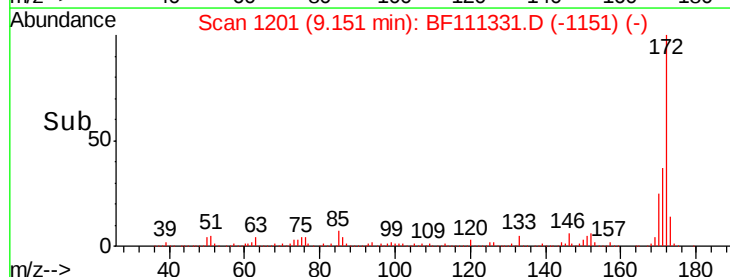
170 24.6 22.3 33.5

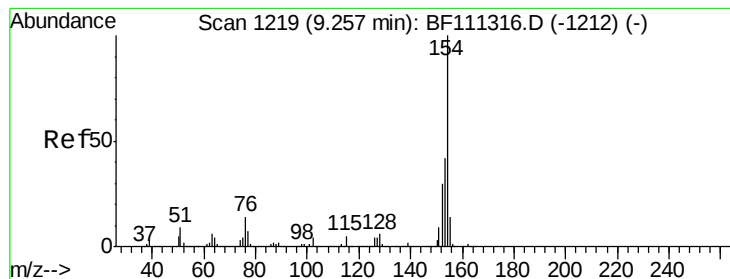


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 1.040 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

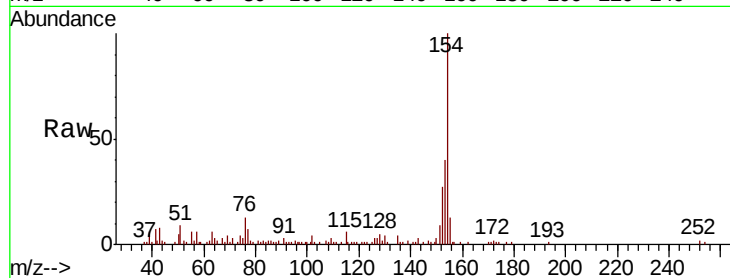
Tgt Ion:154 Resp: 43206

Ion Ratio Lower Upper

154 100

153 40.1 23.7 63.7

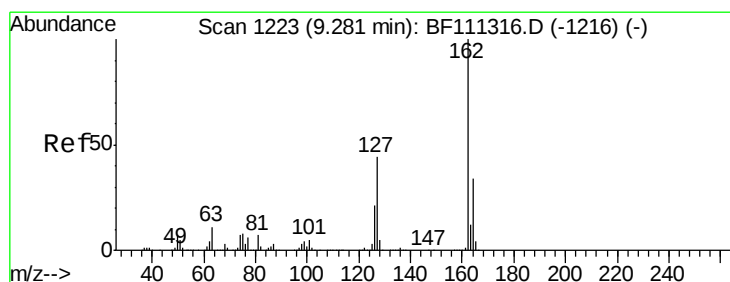
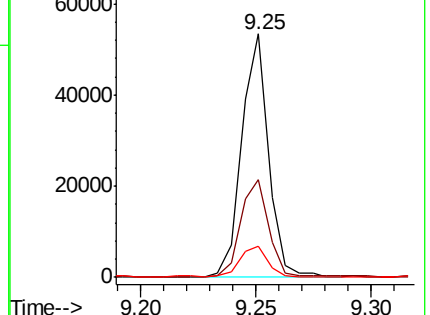
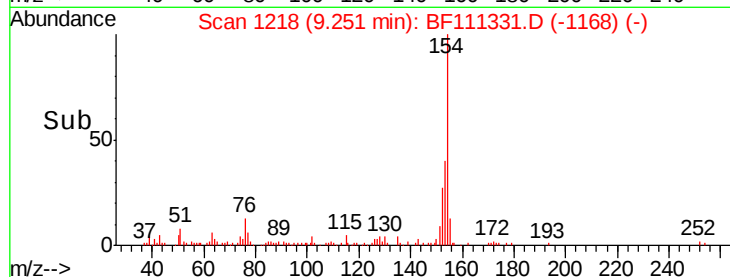
76 12.6 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47

2-Chloronaphthalene

Concen: 0.006 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.03 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

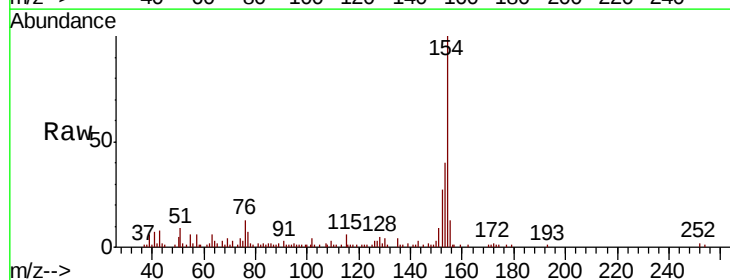
Tgt Ion:162 Resp: 199

Ion Ratio Lower Upper

162 100

127 270.8 35.0 52.4#

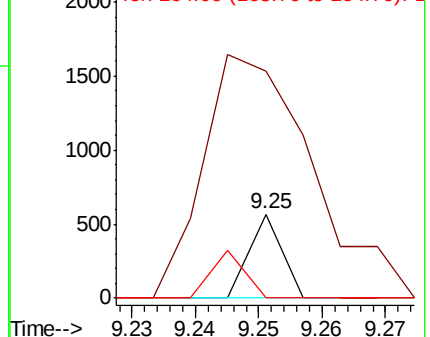
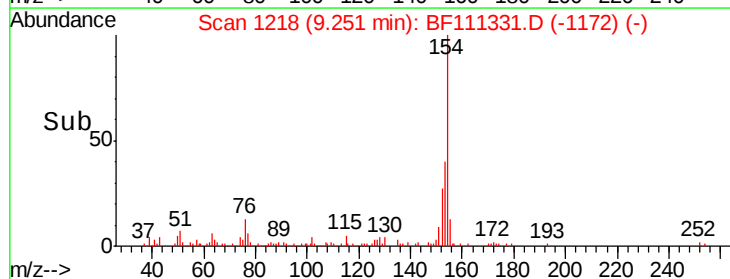
164 0.0 28.4 42.6#

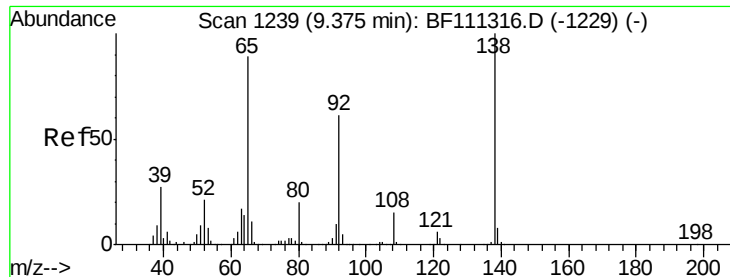


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

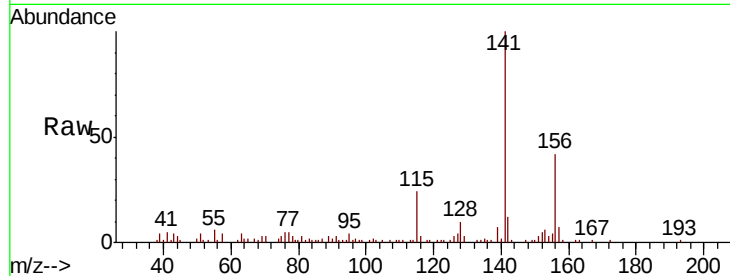




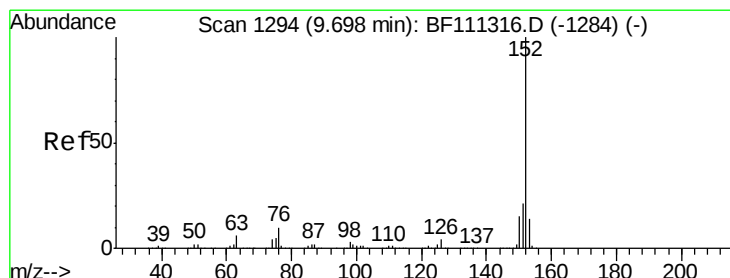
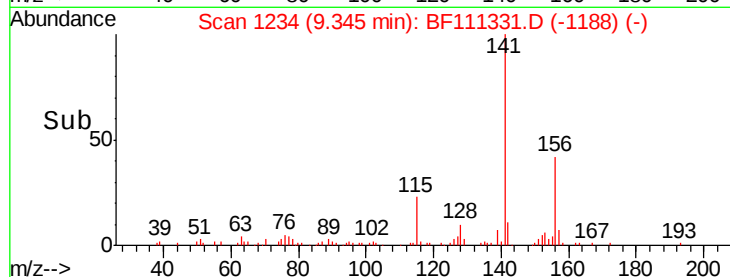
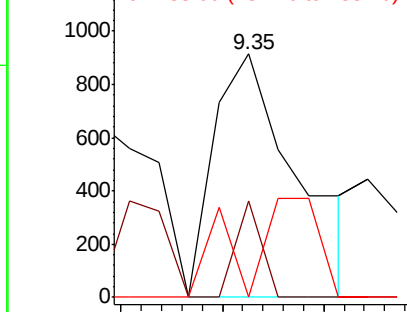
#48
2-Nitroaniline
Concen: 0.101 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.03 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

Instrument :
BNA_F
ClientSampled :
SB-3(0-2)

Tgt Ion: 65 Resp: 1047
Ion Ratio Lower Upper
65 100
92 39.5 53.5 80.3#
138 0.0 80.9 121.3#

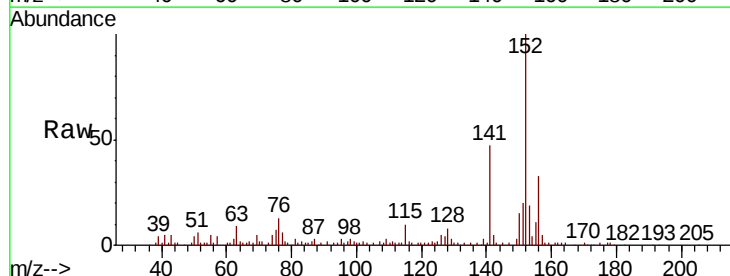


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

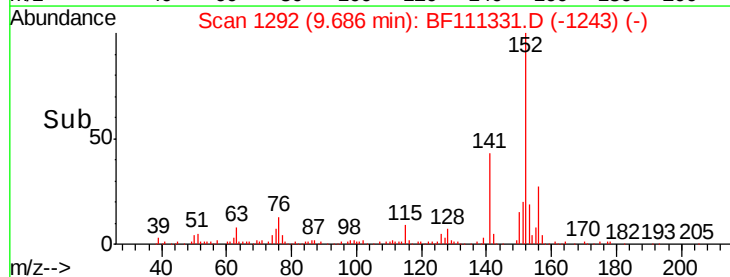
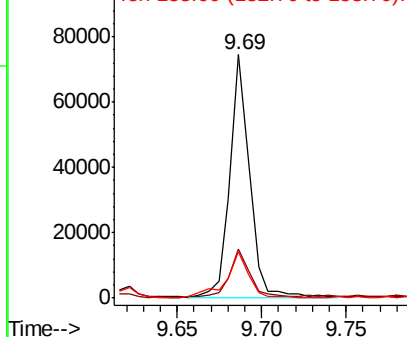


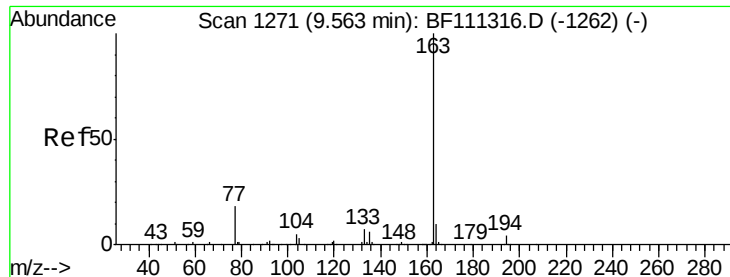
#49
Acenaphthylene
Concen: 1.313 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

Tgt Ion: 152 Resp: 61054
Ion Ratio Lower Upper
152 100
151 20.2 18.0 27.0
153 19.2 12.3 18.5#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

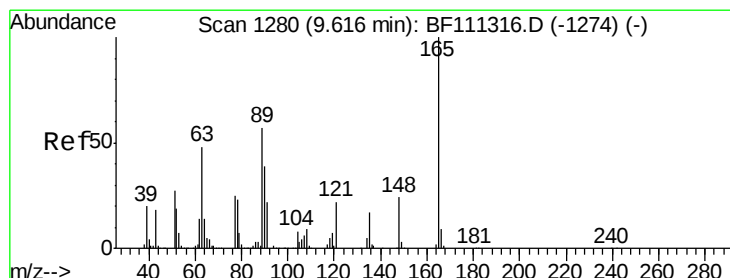
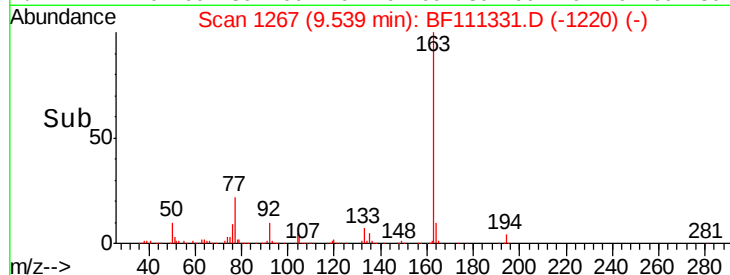
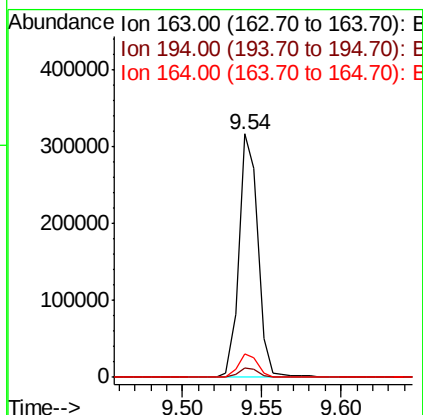
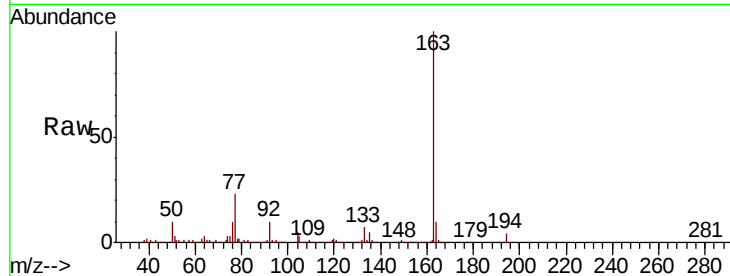




#50
Dimethylphthalate
Concen: 7.476 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

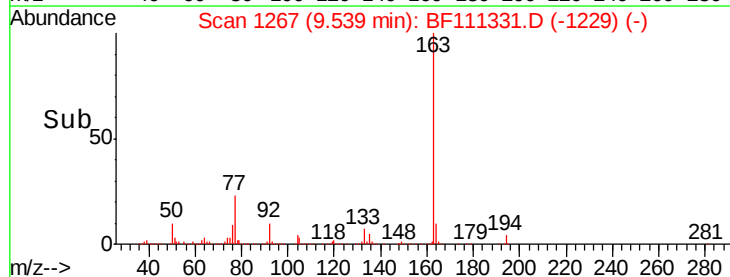
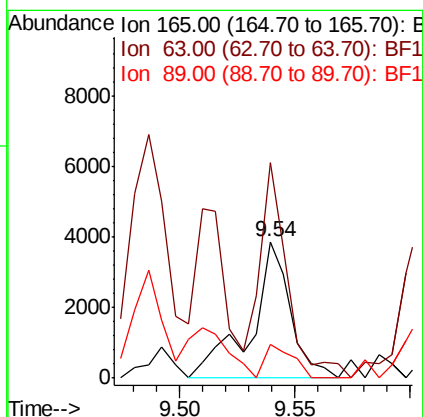
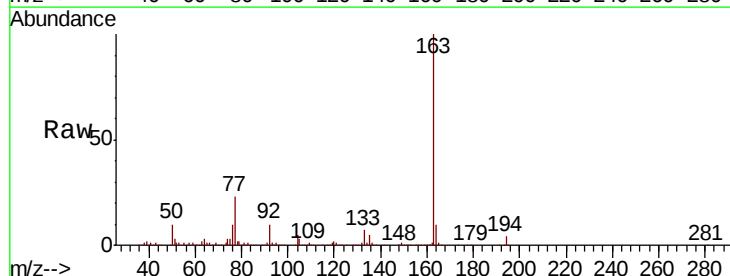
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

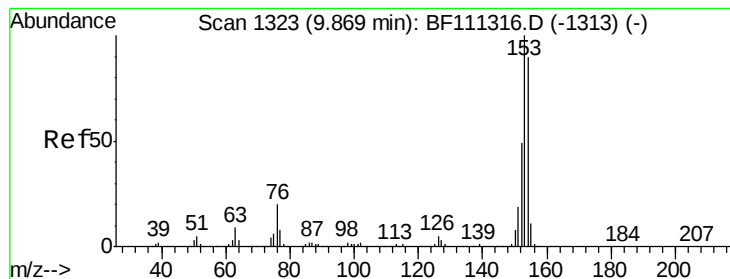
Tgt Ion:	163	Resp:	261798
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.6	8.9	13.3



#51
2,6-Dinitrotoluene
Concen: 0.594 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.08 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

Tgt Ion:	165	Resp:	4612
Ion	Ratio	Lower	Upper
165	100		
63	157.6	40.5	60.7#
89	24.7	40.0	60.0#





#52

Acenaphthene

Concen: 12.285 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

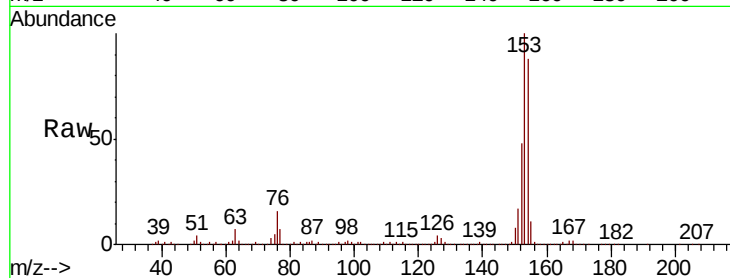
Tgt Ion:154 Resp: 360217

Ion Ratio Lower Upper

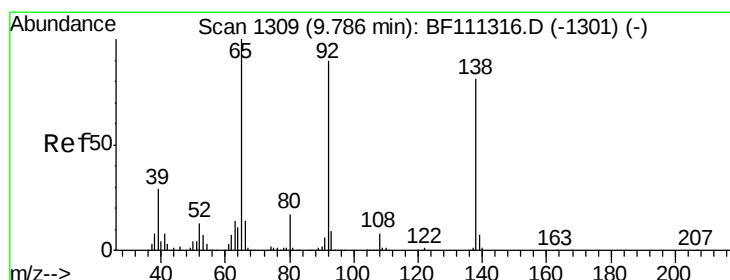
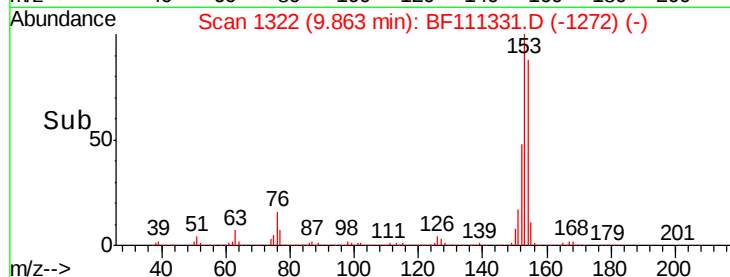
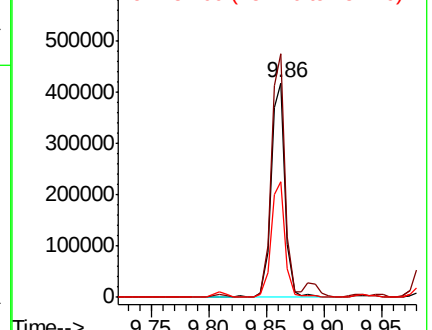
154 100

153 113.6 87.8 131.8

152 54.2 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 0.021 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

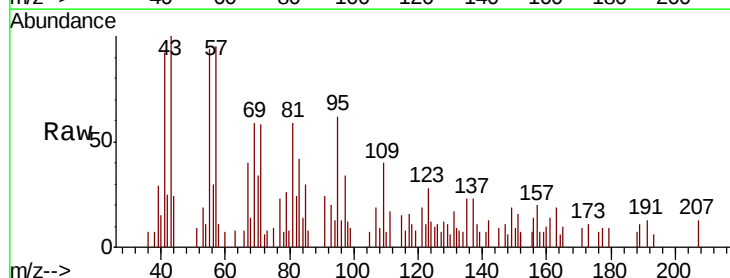
Tgt Ion:138 Resp: 196

Ion Ratio Lower Upper

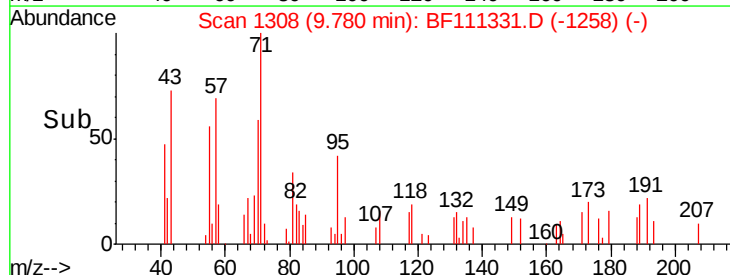
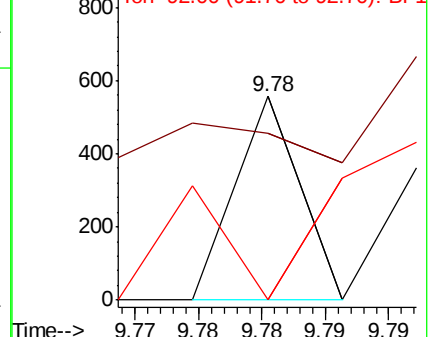
138 100

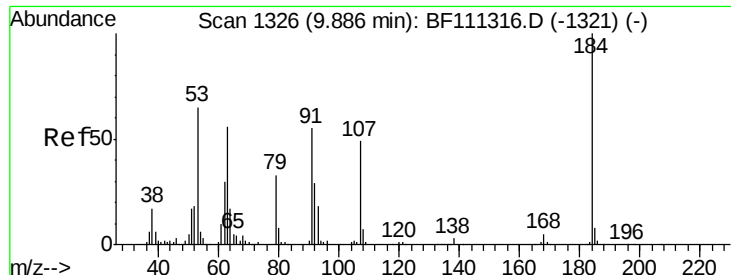
108 82.2 8.2 12.4#

92 0.0 93.4 140.2#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

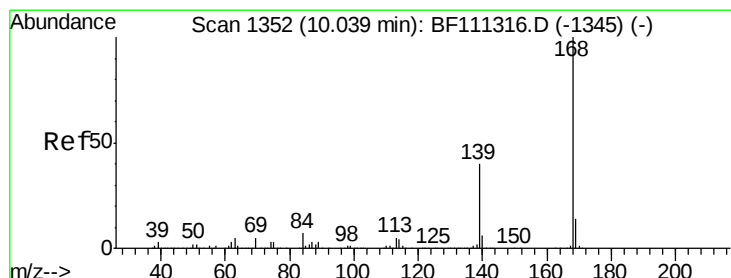
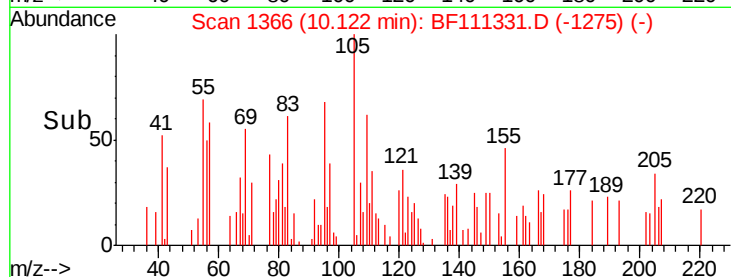
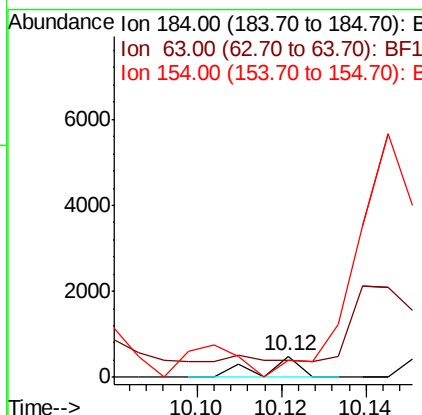
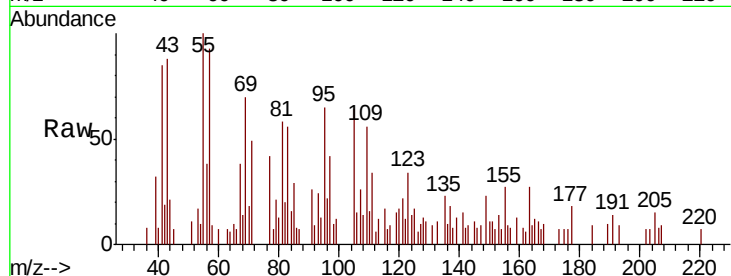




#54
2,4-Dinitrophenol
Concen: 0.094 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.24 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

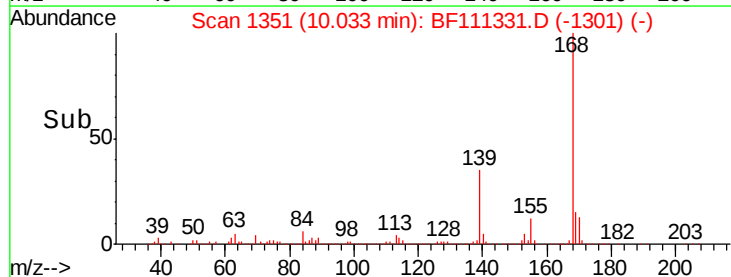
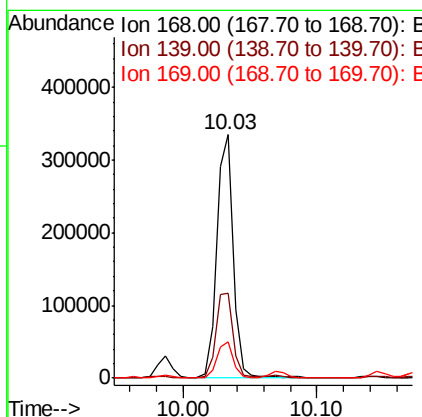
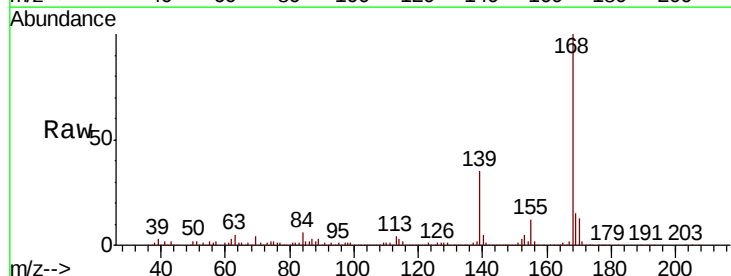
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

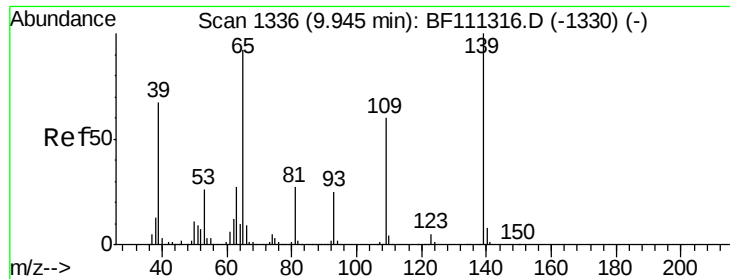
Tgt Ion:184 Resp: 285
Ion Ratio Lower Upper
184 100
63 77.2 62.3 93.5
154 80.6 56.2 84.2



#55
Dibenzofuran
Concen: 6.860 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

Tgt Ion:168 Resp: 290395
Ion Ratio Lower Upper
168 100
139 34.9 32.6 49.0
169 15.0 11.8 17.6

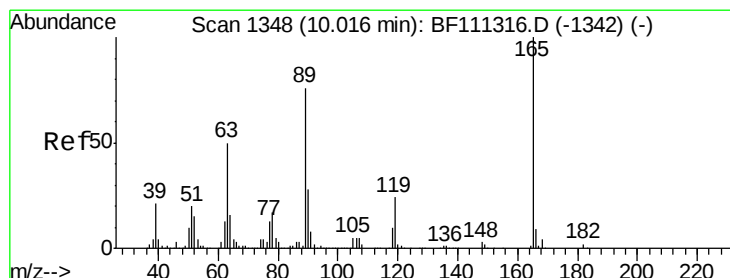
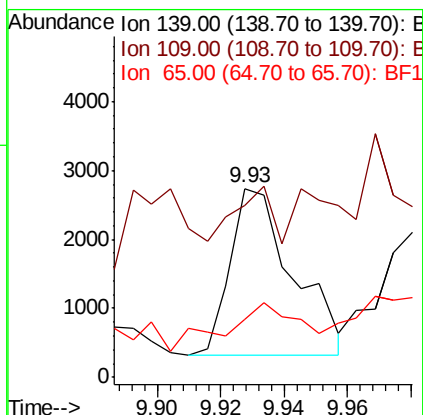
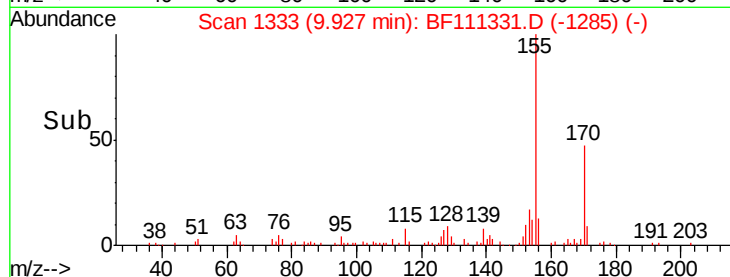
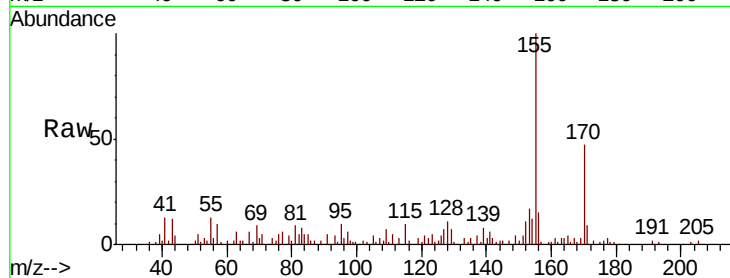




#56
4-Nitrophenol
Concen: 0.498 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

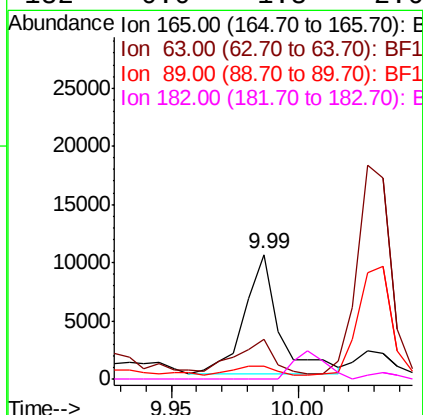
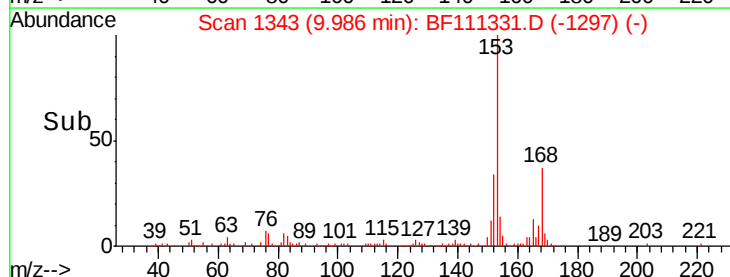
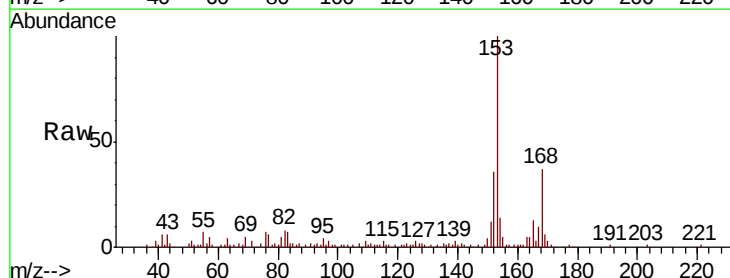
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

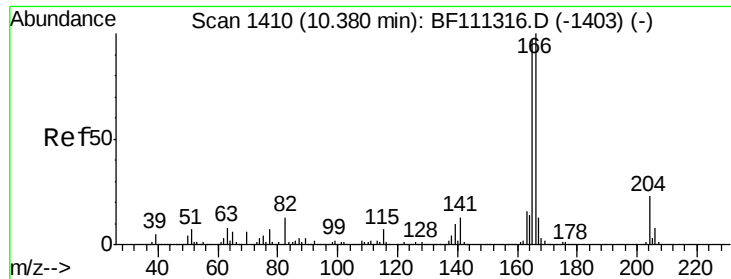
Tgt Ion:139 Resp: 3349
Ion Ratio Lower Upper
139 100
109 91.5 41.8 81.8#
65 30.9 79.6 119.6#



#57
2,4-Dinitrotoluene
Concen: 0.975 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.03 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

Tgt Ion:165 Resp: 9702
Ion Ratio Lower Upper
165 100
63 32.0 34.6 52.0#
89 10.1 56.2 84.4#
182 0.0 1.8 2.6#





#58

Fluorene

Concen: 10.874 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

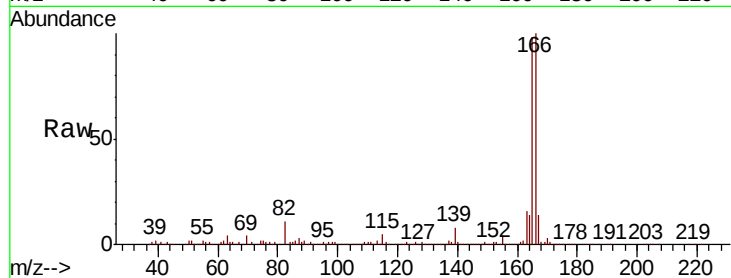
Tgt Ion:166 Resp: 329260

Ion Ratio Lower Upper

166 100

165 97.7 78.4 117.6

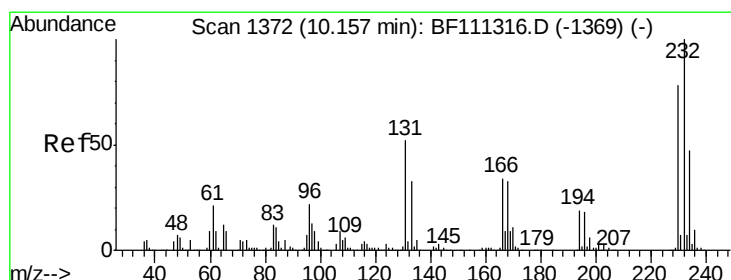
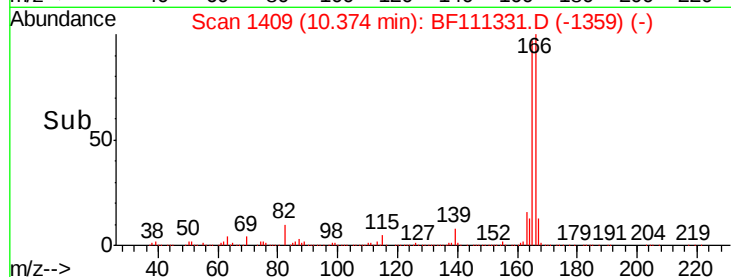
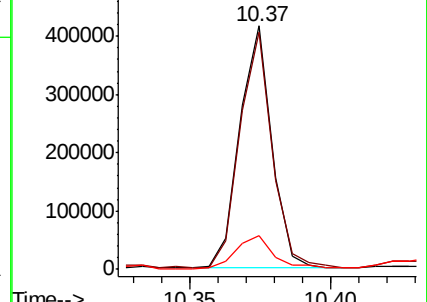
167 13.6 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 0.013 ng

RT: 10.29 min Scan# 1394

Delta R.T. 0.13 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Tgt Ion:232 Resp: 106

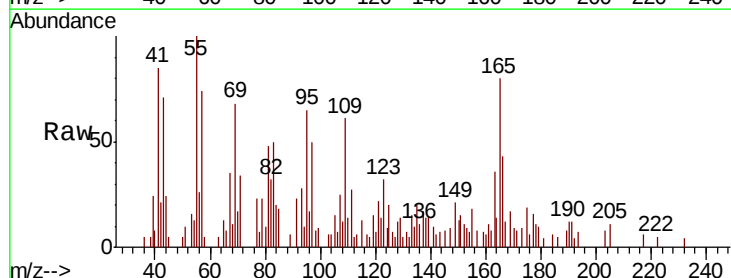
Ion Ratio Lower Upper

232 100

131 175.5 40.9 61.3#

130 170.8 2.0 3.0#

166 0.0 26.8 40.2#

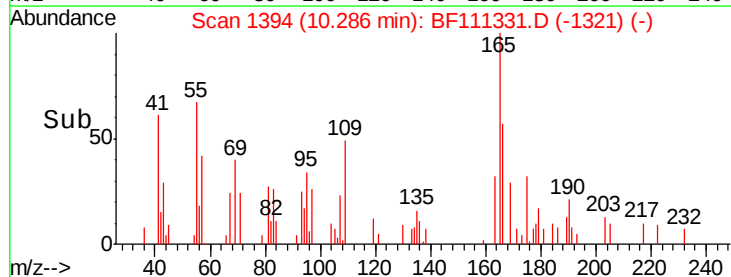
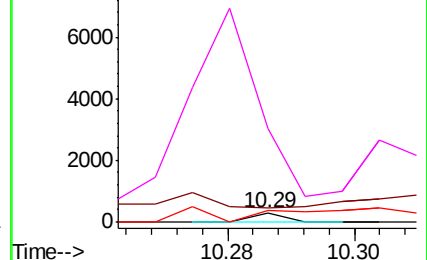


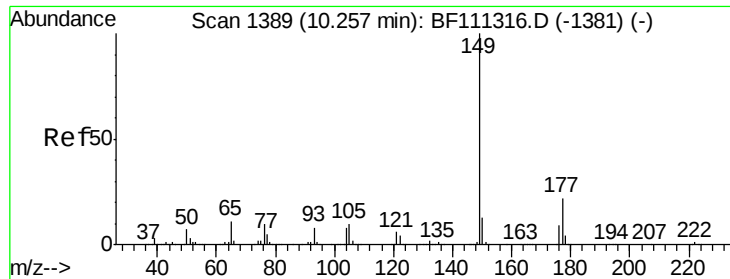
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

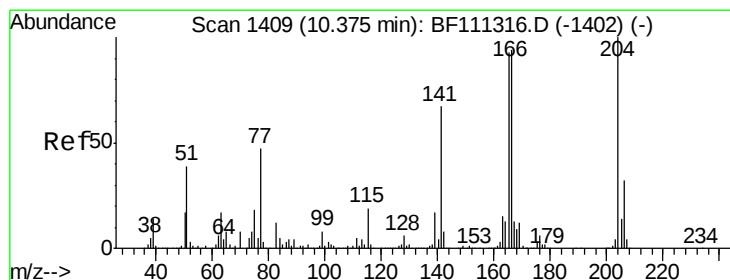
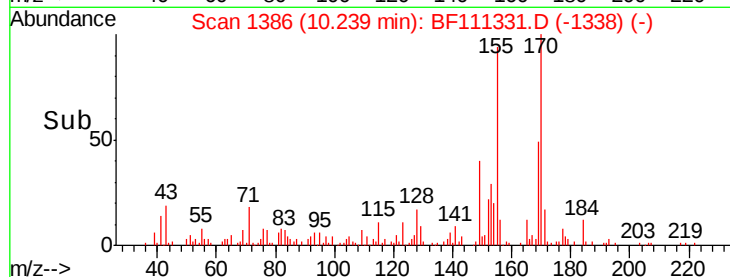
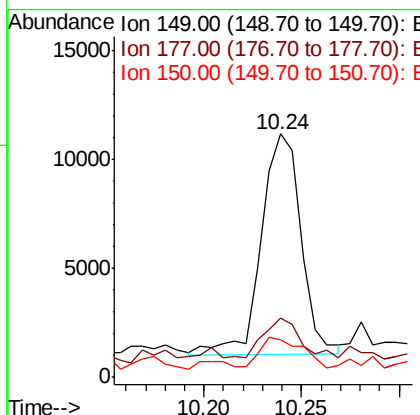
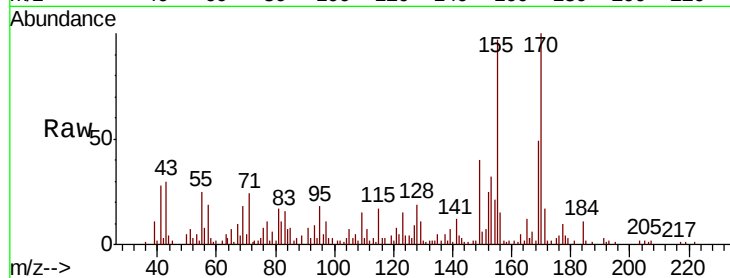




#60
Diethylphthalate
Concen: 0.408 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

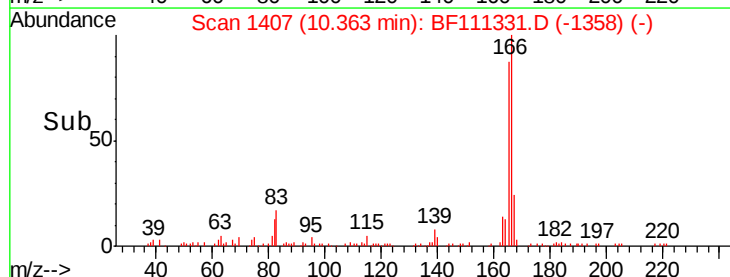
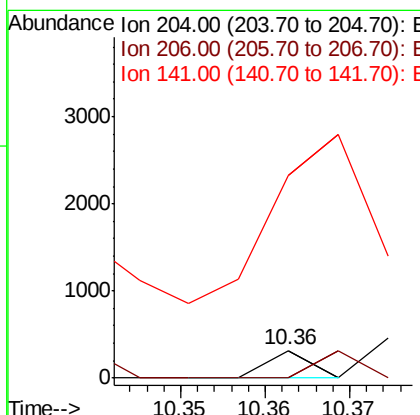
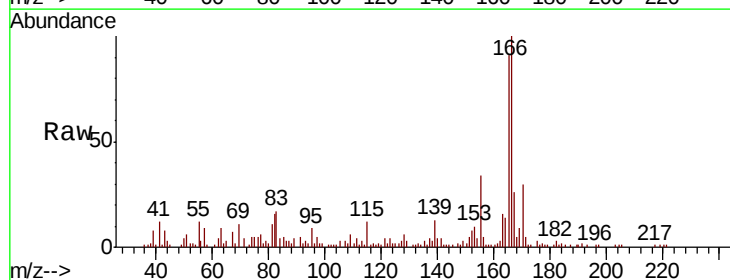
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

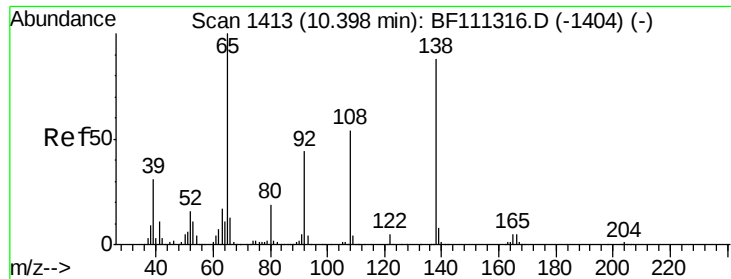
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.3	27.5
150	15.4	10.6	15.8



#61
4-Chlorophenyl-phenylether
Concen: 0.007 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

Tgt Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.6	39.8#
141	739.2	52.6	78.8#

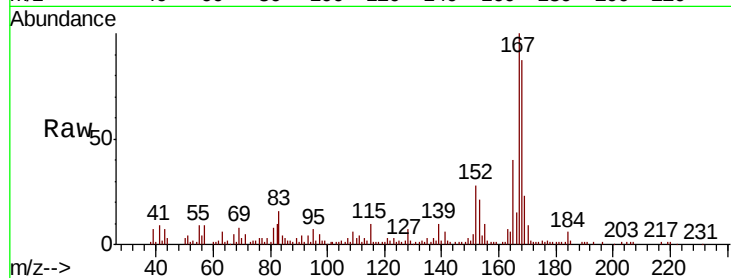




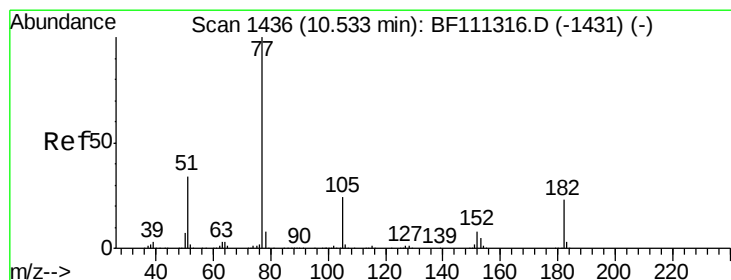
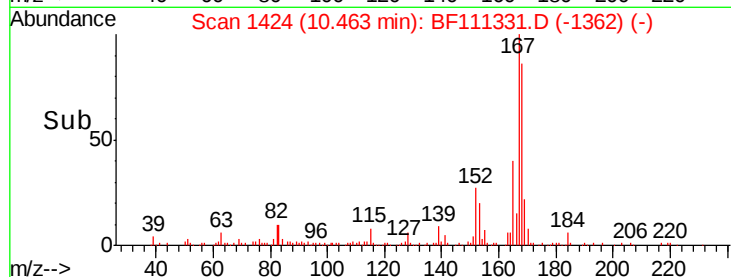
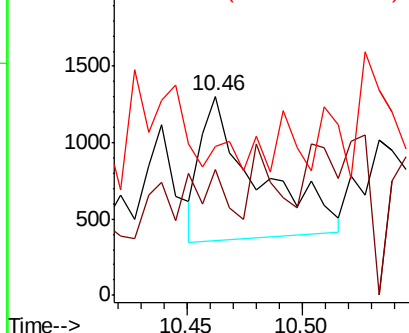
#62
4-Nitroaniline
Concen: 0.181 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.06 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

Tgt Ion: 138 Resp: 1623
Ion Ratio Lower Upper
138 100
92 63.4 29.9 69.9
108 74.7 43.2 83.2

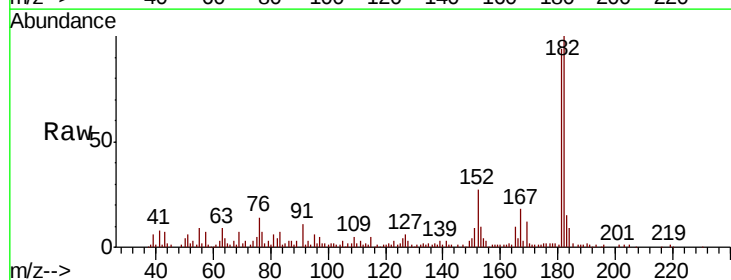


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

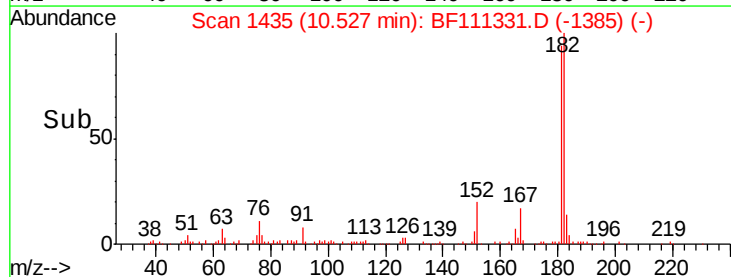
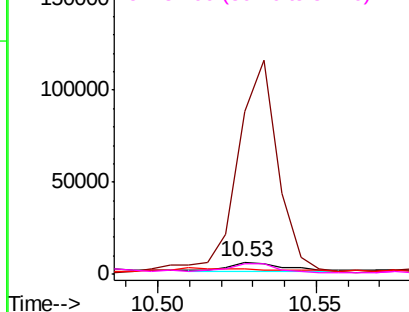


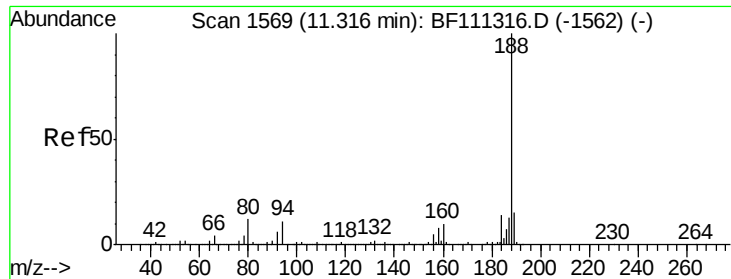
#63
Azobenzene
Concen: 0.164 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

Tgt Ion: 77 Resp: 5813
Ion Ratio Lower Upper
77 100
182 1336.7 4.9 44.9#
105 39.4 6.0 46.0
51 86.4 14.7 54.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

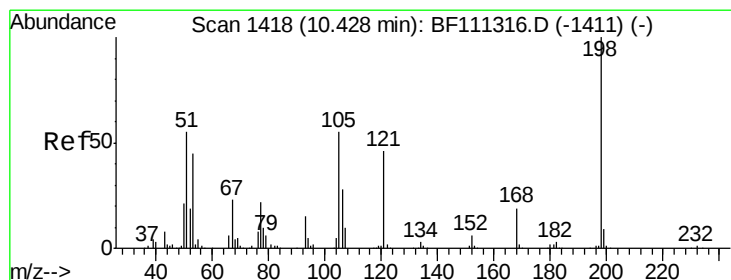
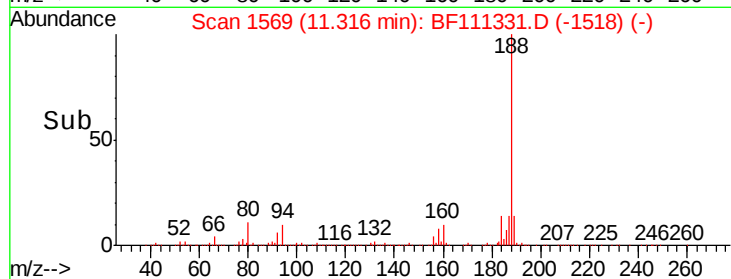
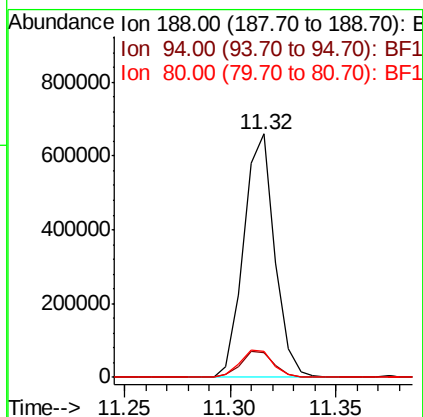
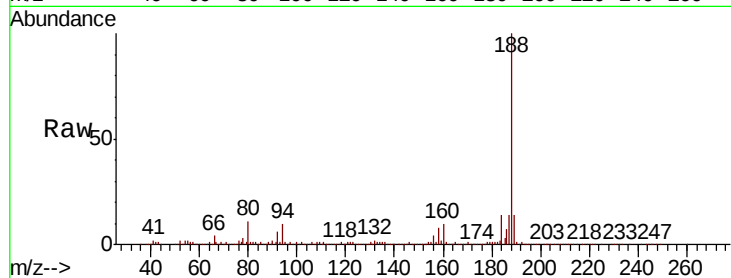




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

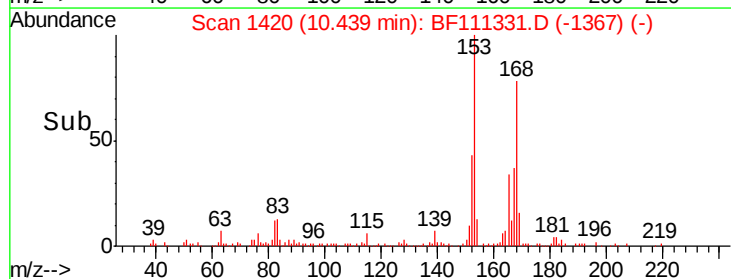
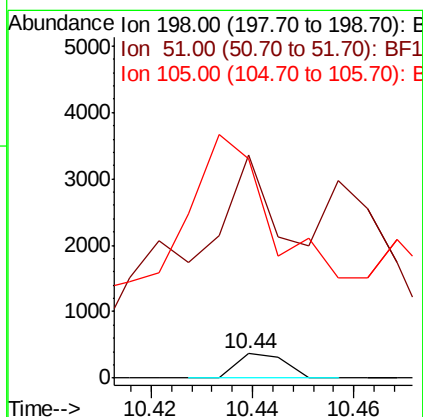
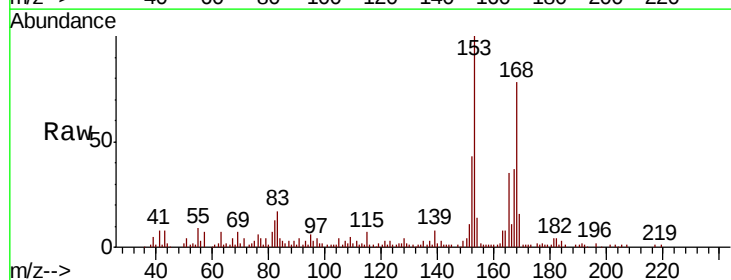
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

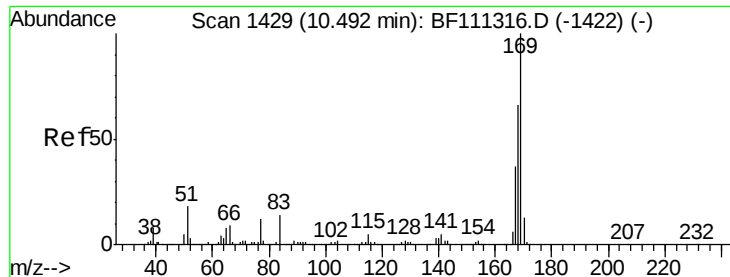
Tgt Ion:188 Resp: 672295
Ion Ratio Lower Upper
188 100
94 10.3 9.6 14.4
80 10.6 9.8 14.6



#65
4,6-Dinitro-2-methylphenol
Concen: 0.062 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

Tgt Ion:198 Resp: 238
Ion Ratio Lower Upper
198 100
51 910.3 48.0 88.0#
105 890.0 34.0 74.0#

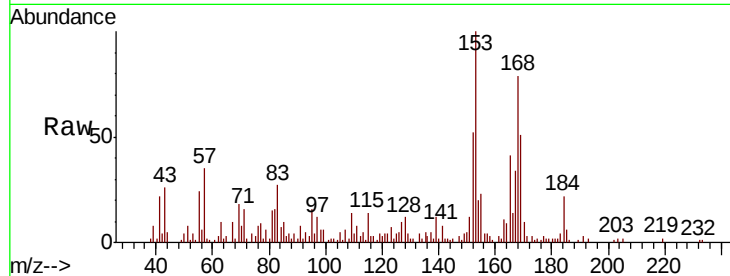




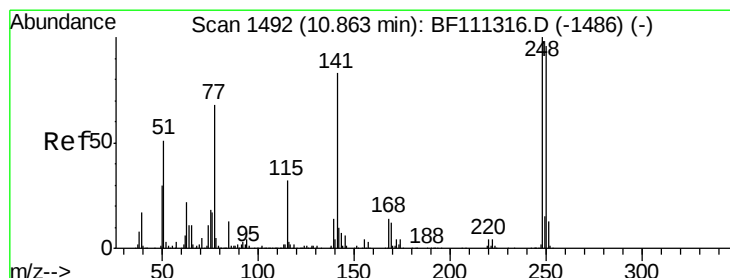
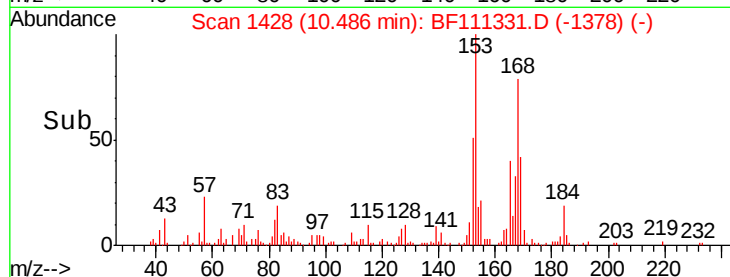
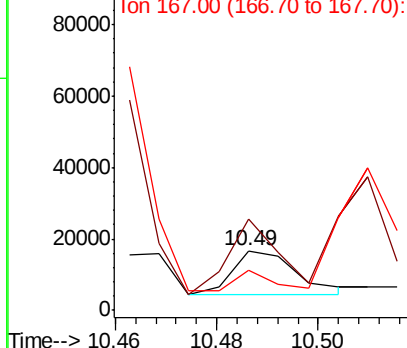
#66
 n-Nitrosodiphenylamine
 Concen: 0.450 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF111331.D
 Acq: 12 Dec 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

Tgt Ion:169 Resp: 10757
 Ion Ratio Lower Upper
 169 100
 168 153.6 54.4 81.6#
 167 66.1 30.5 45.7#

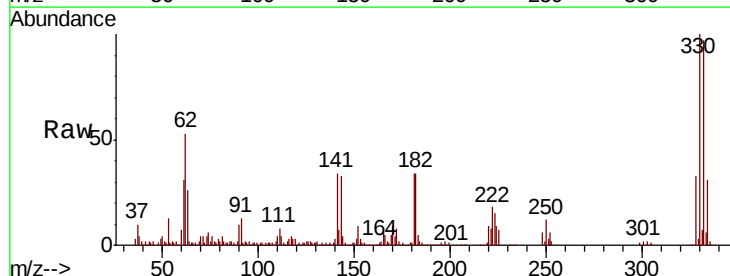


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

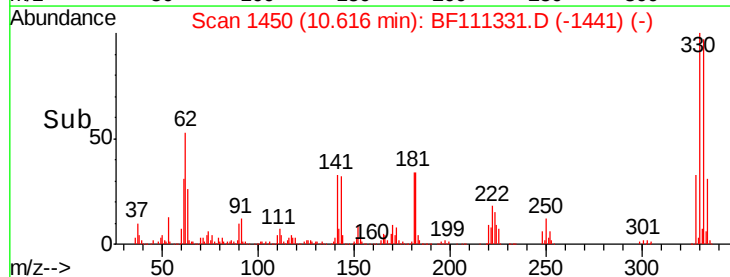
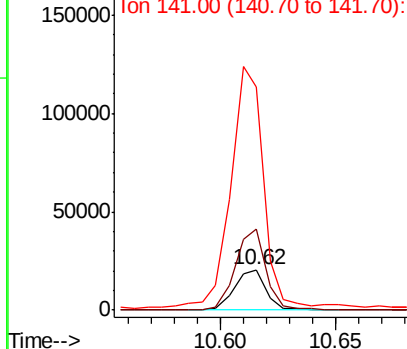


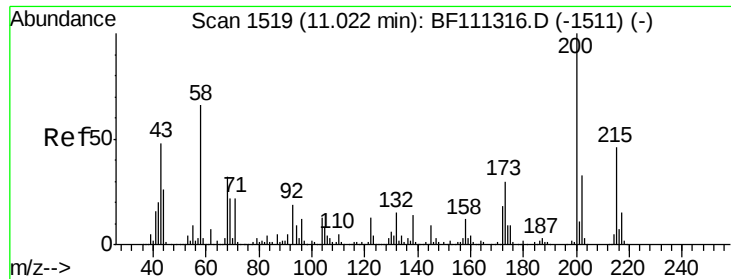
#67
 4-Bromophenyl-phenylether
 Concen: 2.597 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF111331.D
 Acq: 12 Dec 2018 19:43

Tgt Ion:248 Resp: 19434
 Ion Ratio Lower Upper
 248 100
 250 203.5 77.0 115.4#
 141 554.9 63.0 94.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#69

Atrazine

Concen: 0.086 ng

RT: 11.00 min Scan# 1516

Delta R.T. -0.02 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampled :

SB-3(0-2)

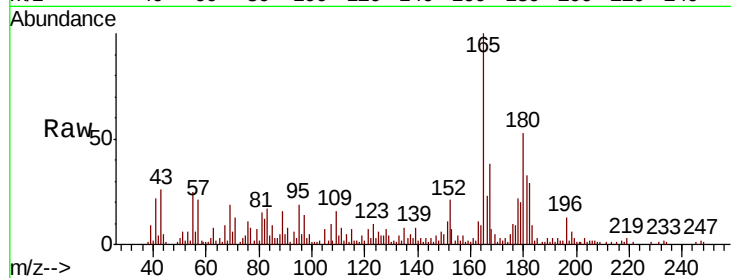
Tgt Ion:200 Resp: 598

Ion Ratio Lower Upper

200 100

173 195.5 10.1 50.1#

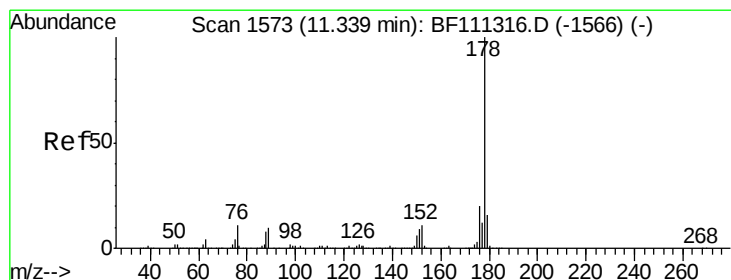
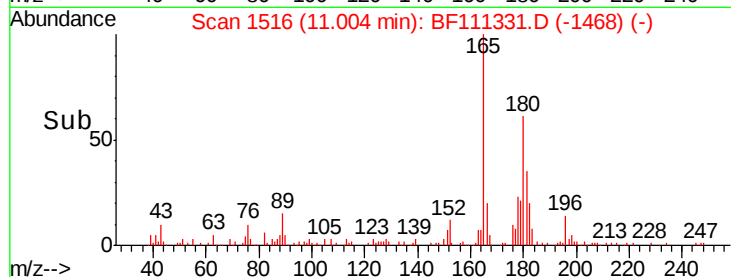
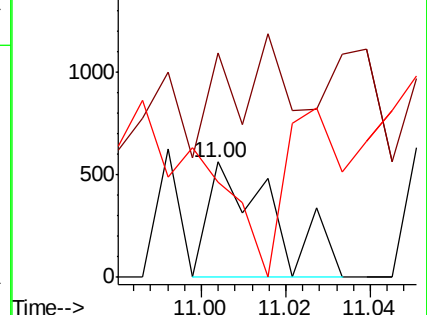
215 82.5 26.9 66.9#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#71

Phenanthrene

Concen: 109.509 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

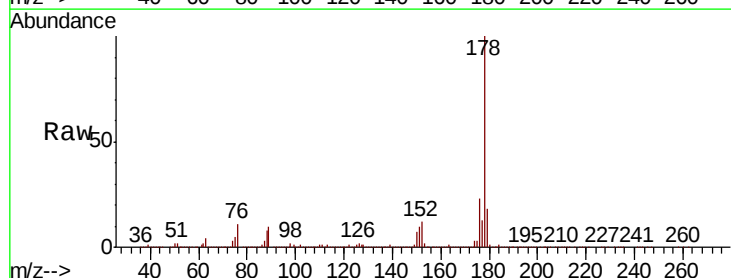
Tgt Ion:178 Resp: 3805386

Ion Ratio Lower Upper

178 100

176 22.6 18.1 27.1

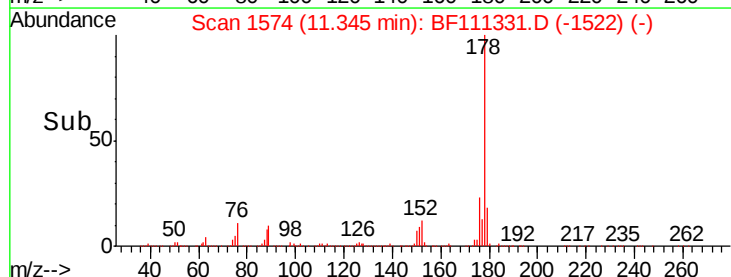
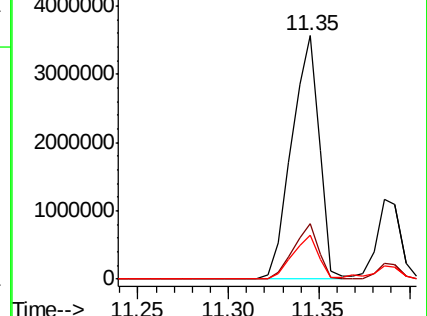
179 17.8 14.0 21.0

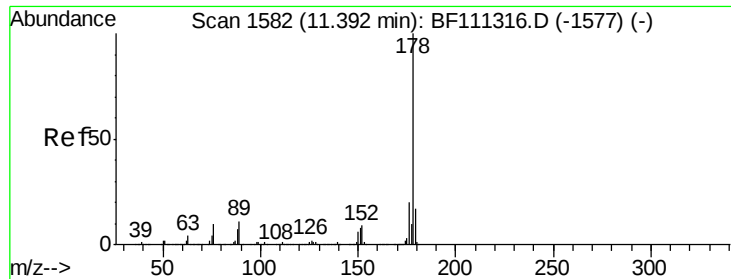


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 28.988 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

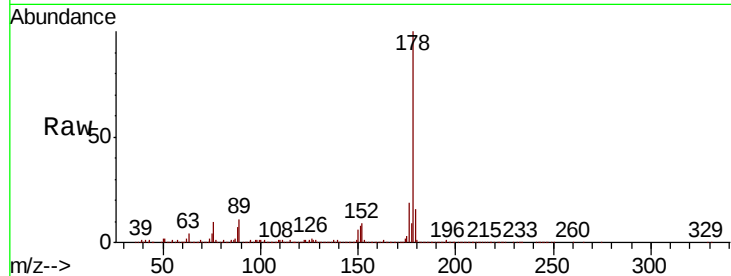
Tgt Ion:178 Resp: 1025683

Ion Ratio Lower Upper

178 100

176 18.9 17.2 25.8

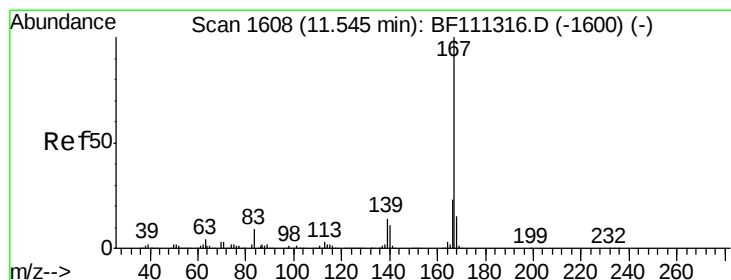
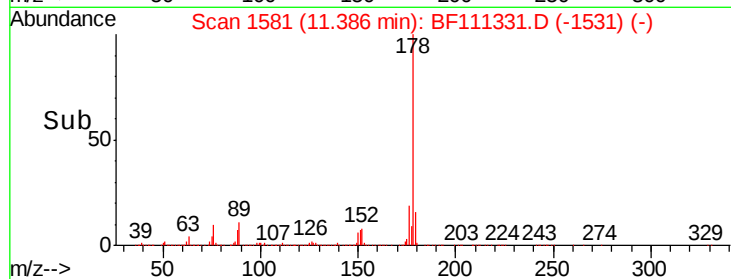
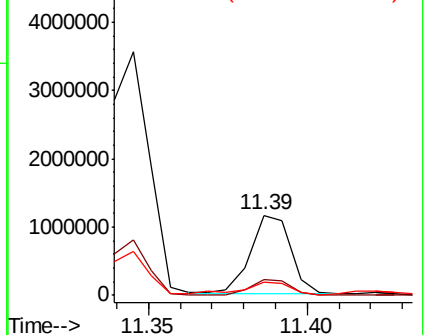
179 16.0 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 7.356 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

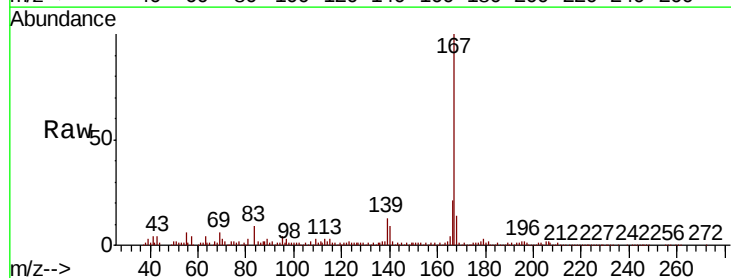
Tgt Ion:167 Resp: 269111

Ion Ratio Lower Upper

167 100

166 20.9 19.3 28.9

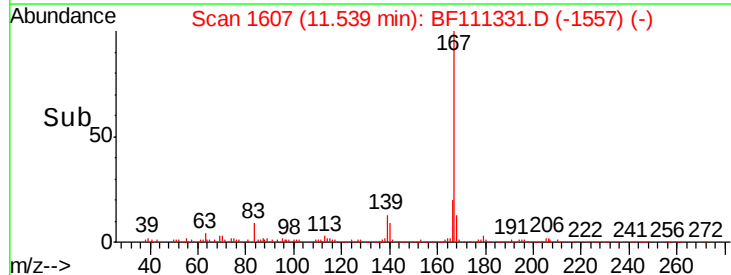
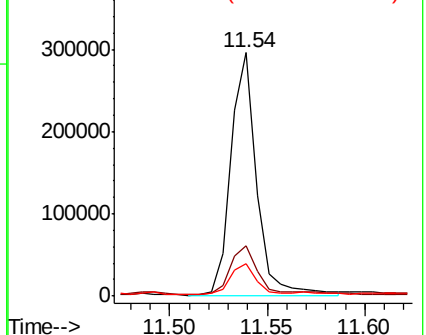
139 13.2 11.9 17.9

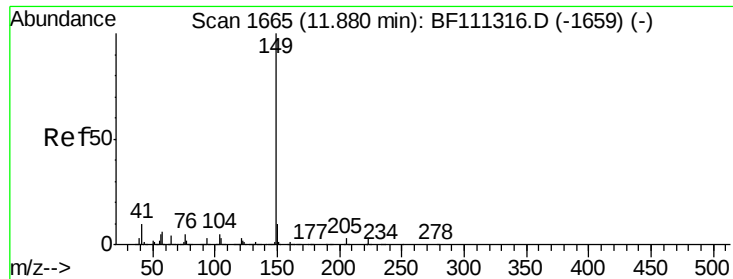


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

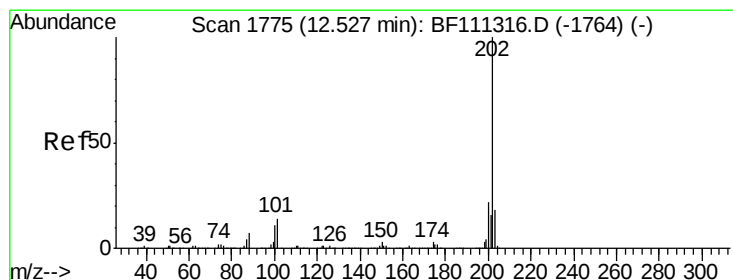
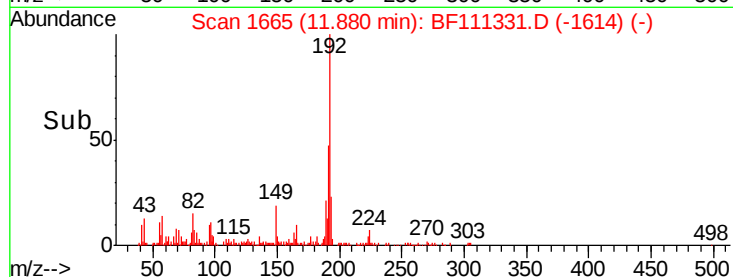
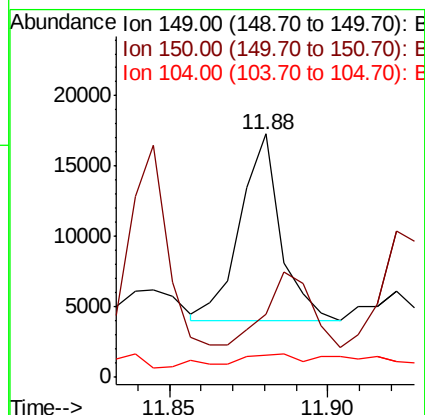
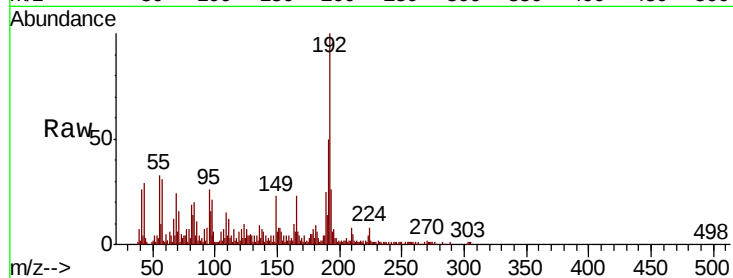




#74
Di-n-butylphthalate
Concen: 0.286 ng
RT: 11.88 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

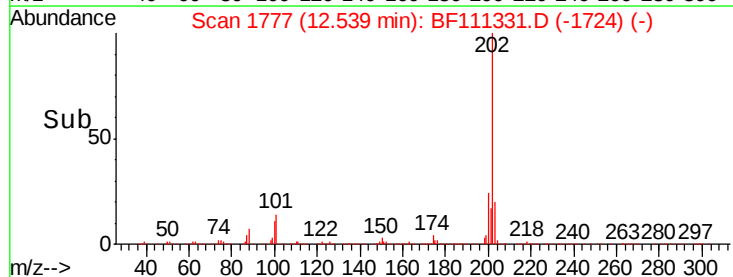
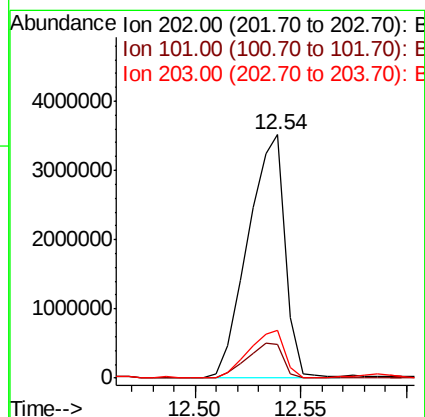
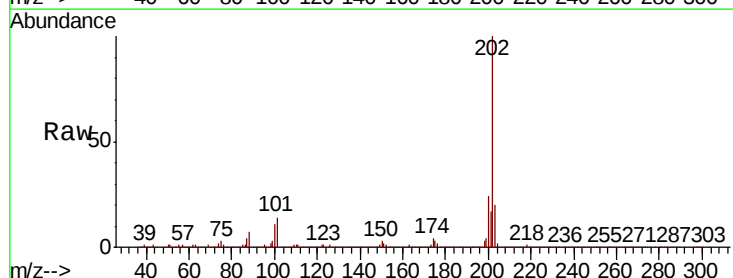
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

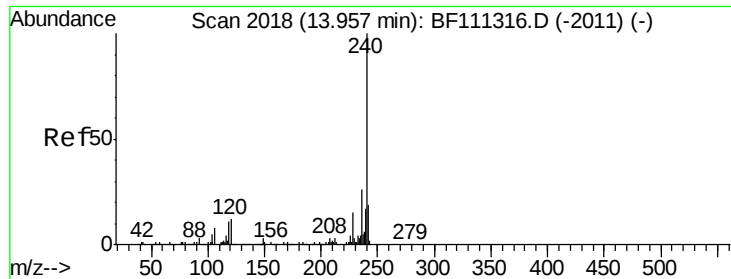
Tgt Ion:149 Resp: 11906
Ion Ratio Lower Upper
149 100
150 26.0 8.8 13.2#
104 9.3 4.5 6.7#



#75
Fluoranthene
Concen: 126.058 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

Tgt Ion:202 Resp: 4276309
Ion Ratio Lower Upper
202 100
101 14.0 0.0 33.8
203 19.6 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

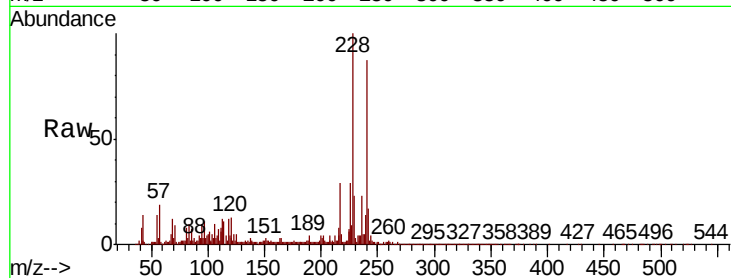
Tgt Ion:240 Resp: 441533

Ion Ratio Lower Upper

240 100

120 15.0 12.2 18.2

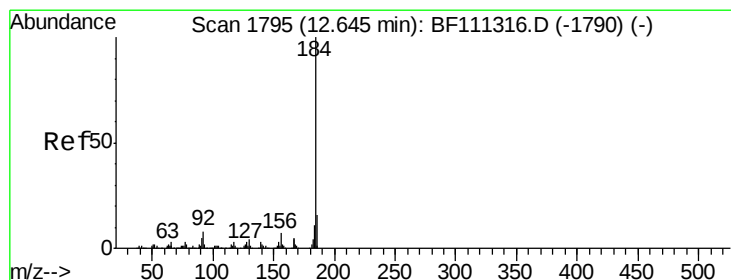
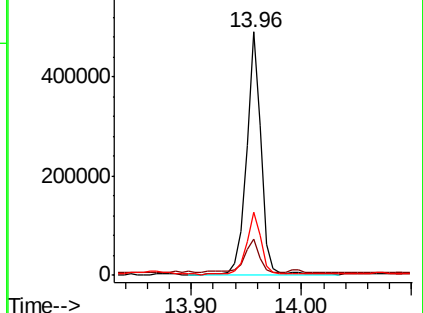
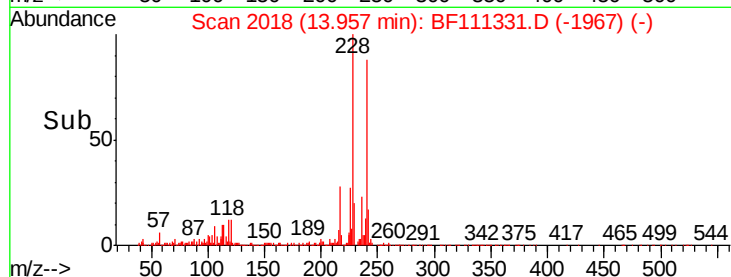
236 26.2 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 0.119 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

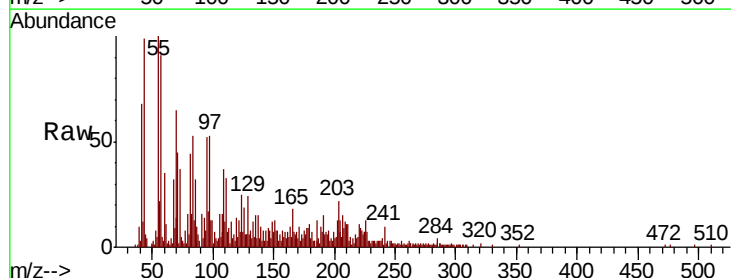
Tgt Ion:184 Resp: 993

Ion Ratio Lower Upper

184 100

185 391.2 13.0 19.6#

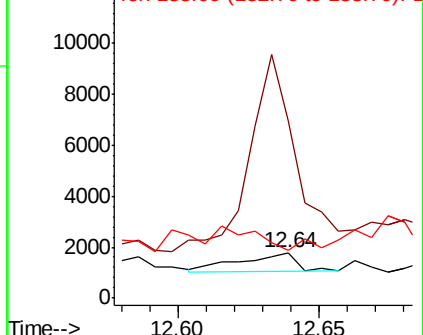
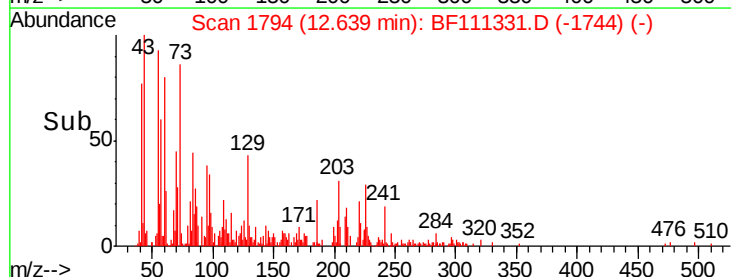
183 105.8 9.3 13.9#

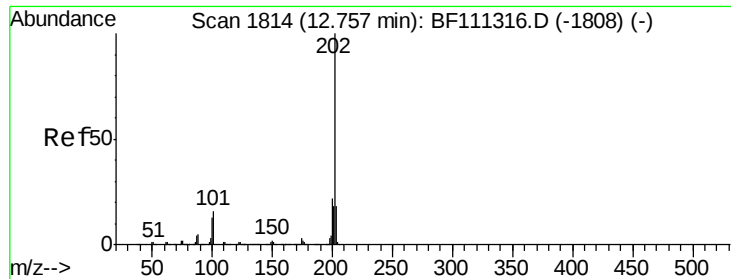


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

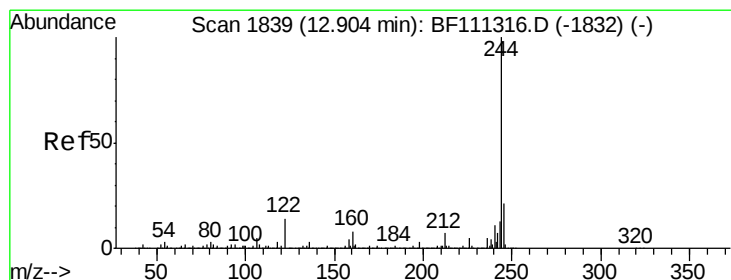
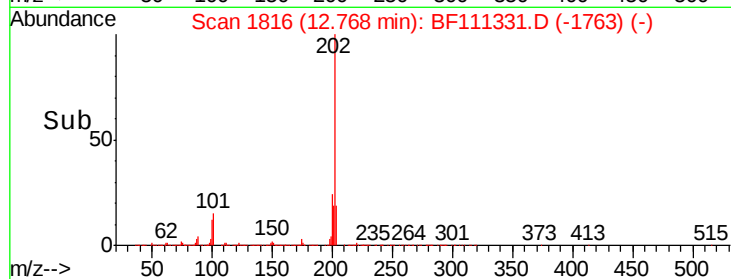
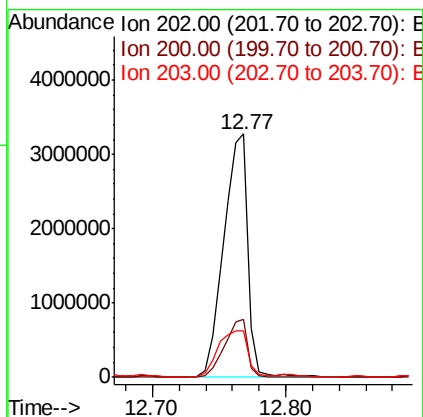
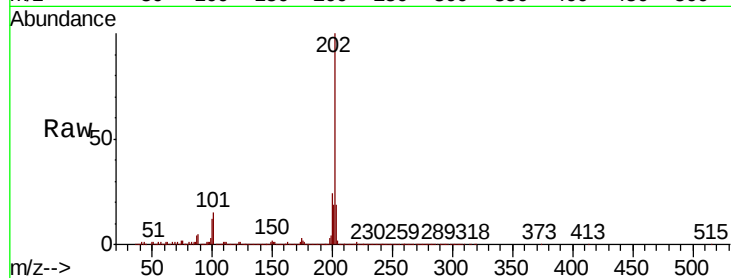




#78
 Pyrene
 Concen: 122.591 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. 0.01 min
 Lab File: BF111331.D
 Acq: 12 Dec 2018 19:43

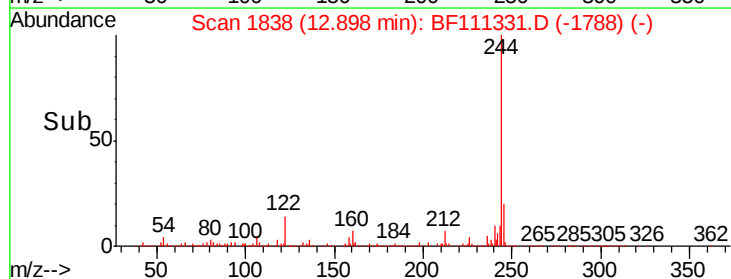
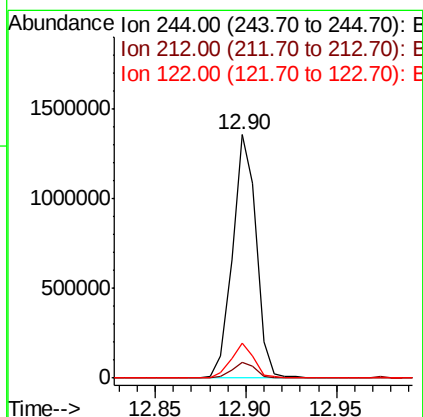
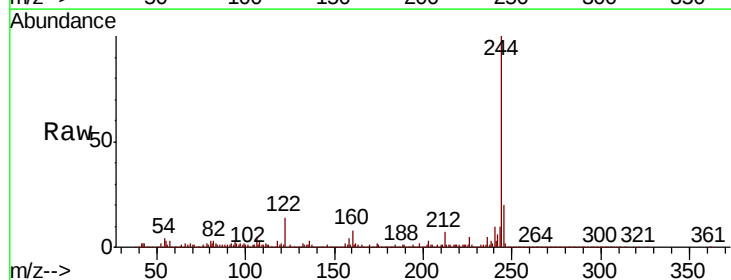
Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

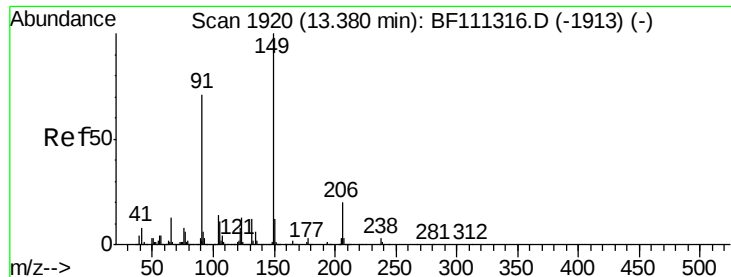
Tgt Ion:202 Resp: 4177447
 Ion Ratio Lower Upper
 202 100
 200 23.6 19.0 28.4
 203 19.3 15.2 22.8



#79
 Terphenyl-d14
 Concen: 61.317 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF111331.D
 Acq: 12 Dec 2018 19:43

Tgt Ion:244 Resp: 1230090
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 14.2 13.1 19.7

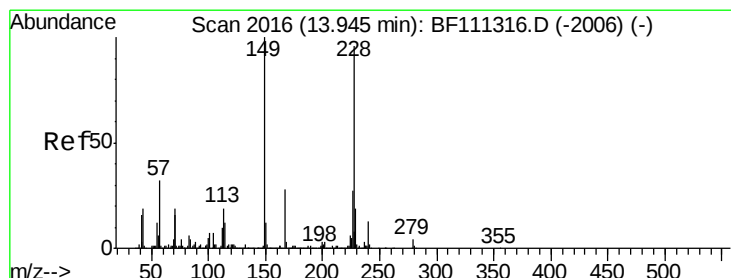
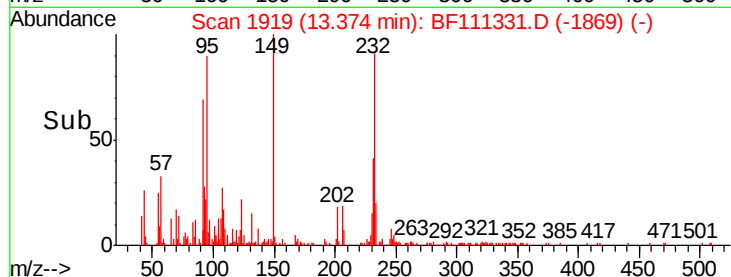
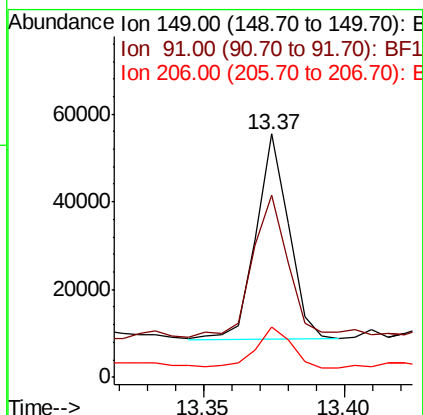
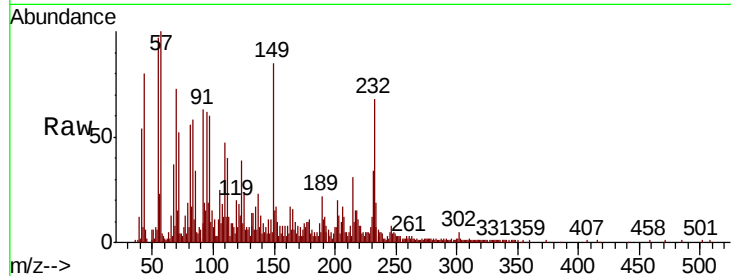




#80
Butylbenzylphthalate
Concen: 2.303 ng
RT: 13.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

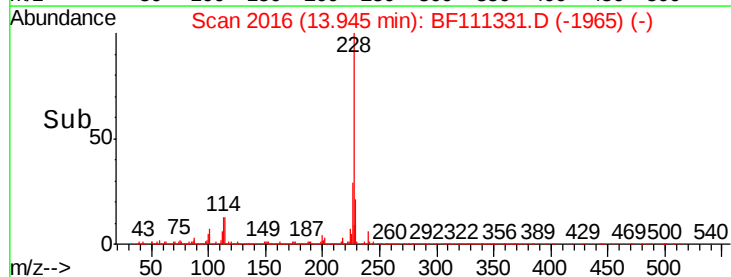
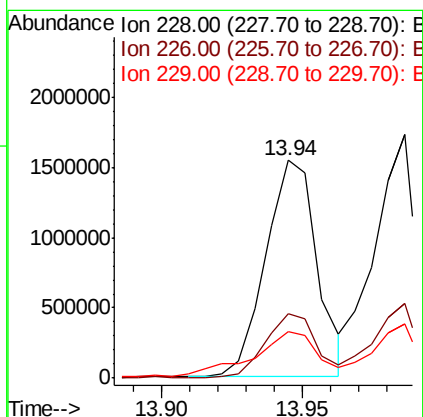
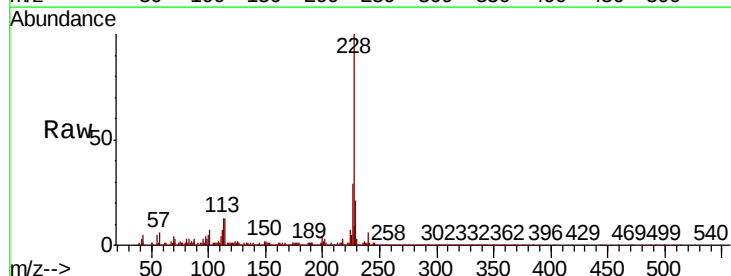
Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

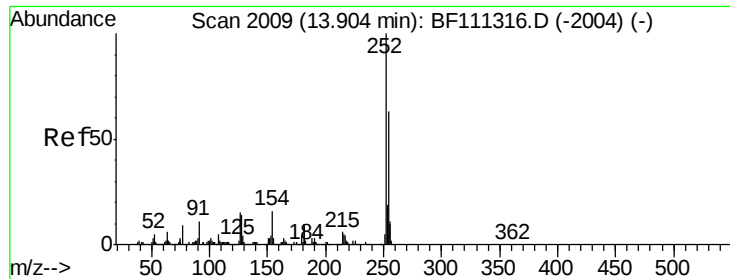
Tgt Ion:149 Resp: 37677
Ion Ratio Lower Upper
149 100
91 74.8 63.8 95.6
206 20.5 15.1 22.7



#81
Benzo(a)anthracene
Concen: 79.305 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF111331.D
Acq: 12 Dec 2018 19:43

Tgt Ion:228 Resp: 1959184
Ion Ratio Lower Upper
228 100
226 29.4 22.6 34.0
229 21.3 16.3 24.5

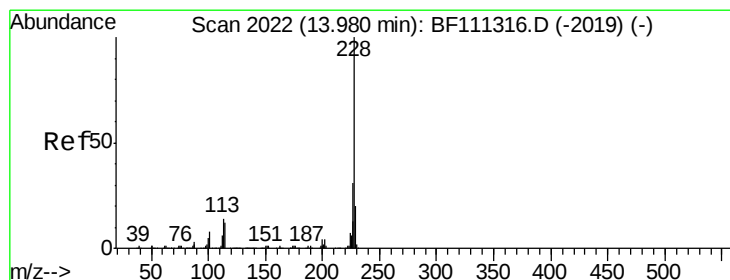
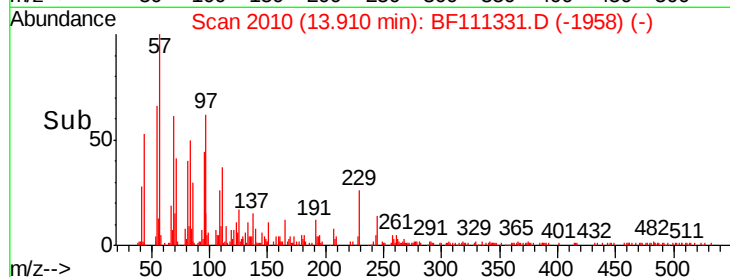
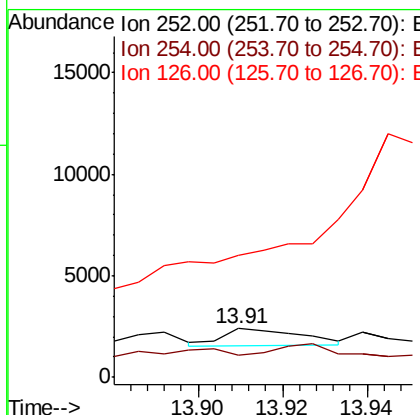
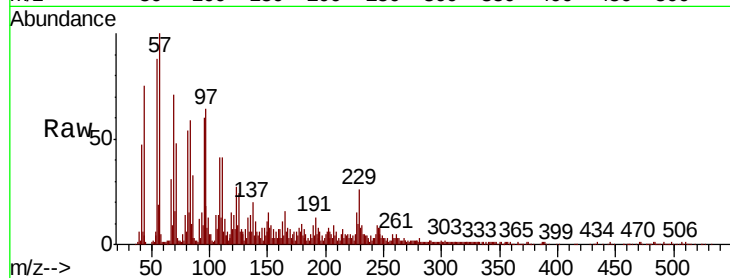




#82
 3,3'-Dichlorobenzidine
 Concen: 0.117 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BF111331.D
 Acq: 12 Dec 2018 19:43

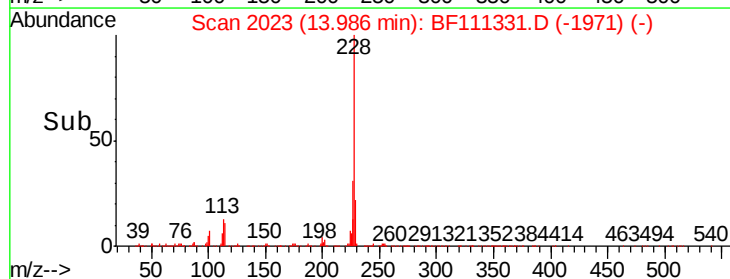
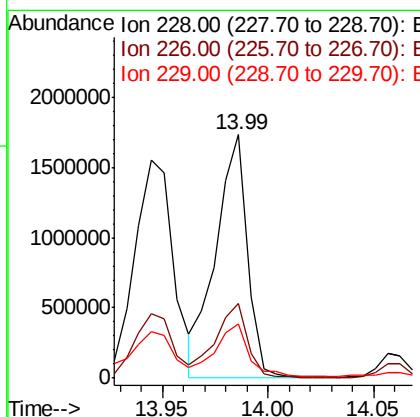
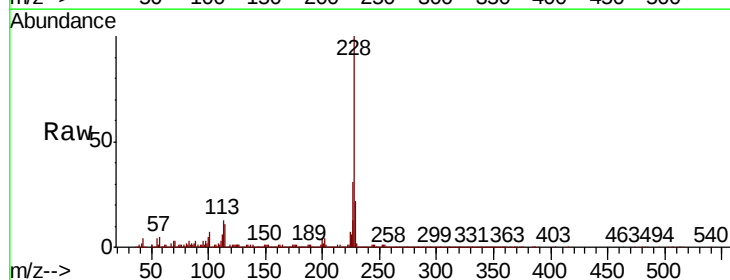
Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

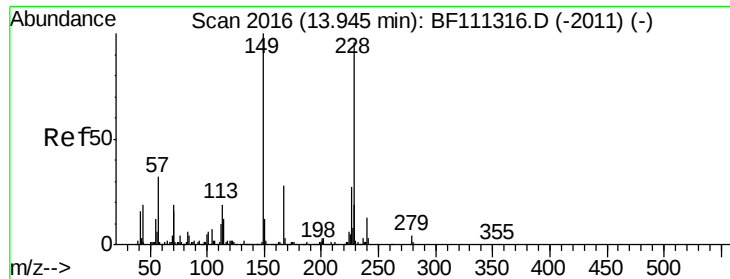
Tgt Ion:252 Resp: 1093
 Ion Ratio Lower Upper
 252 100
 254 46.4 52.7 79.1#
 126 248.9 11.1 16.7#



#83
 Chrysene
 Concen: 70.532 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF111331.D
 Acq: 12 Dec 2018 19:43

Tgt Ion:228 Resp: 1777741
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.3 37.9
 229 22.4 17.2 25.8

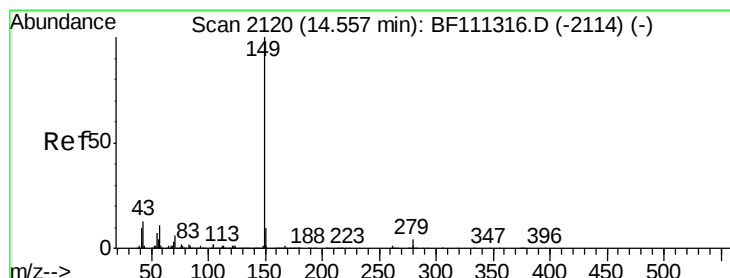
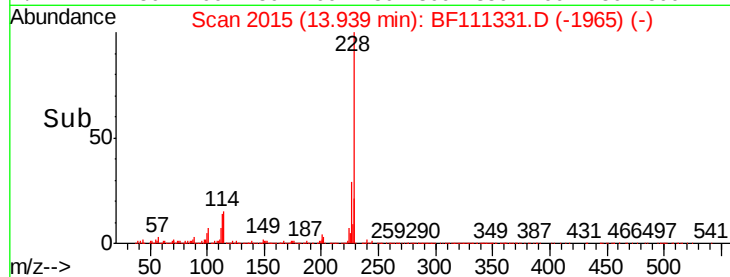
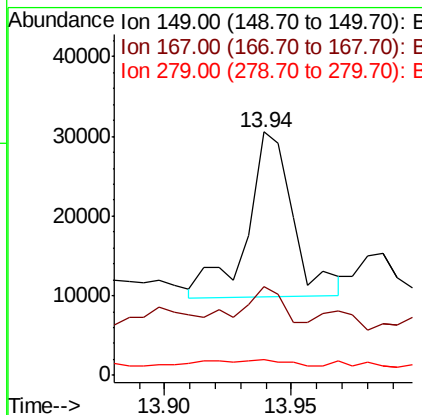
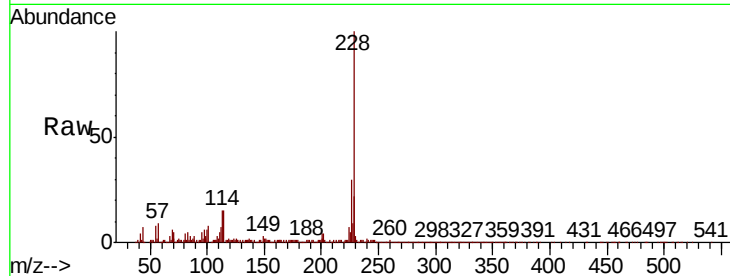




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.314 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111331.D
 Acq: 12 Dec 2018 19:43

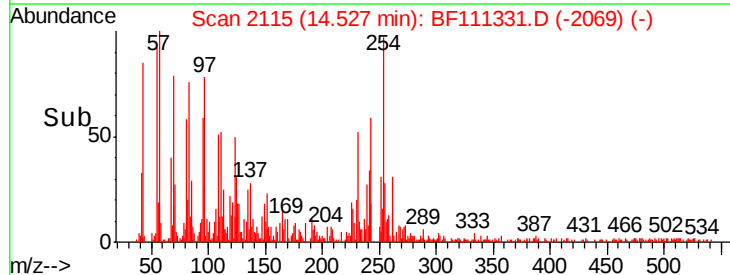
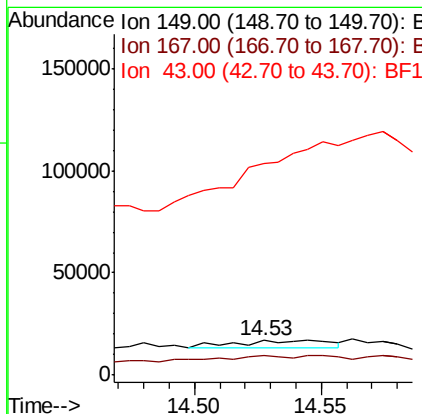
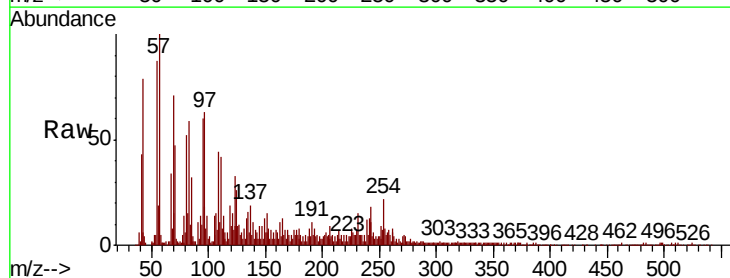
Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

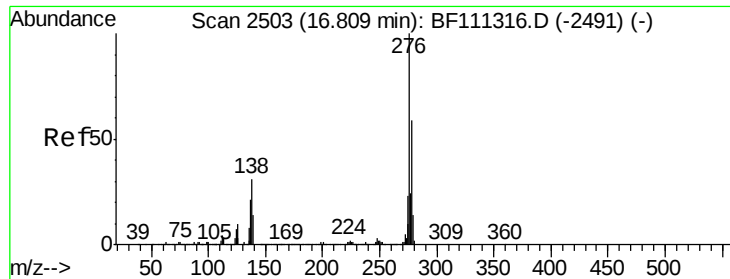
Tgt Ion:149 Resp: 26274
 Ion Ratio Lower Upper
 149 100
 167 36.6 22.5 33.7#
 279 6.6 2.6 4.0#



#85
 Di-n-octyl phthalate
 Concen: 0.285 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. -0.03 min
 Lab File: BF111331.D
 Acq: 12 Dec 2018 19:43

Tgt Ion:149 Resp: 9346
 Ion Ratio Lower Upper
 149 100
 167 67.4 1.3 1.9#
 43 0.0 10.9 16.3#





#86

Indeno(1,2,3-cd)pyrene

Concen: 35.849 ng

RT: 16.81 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

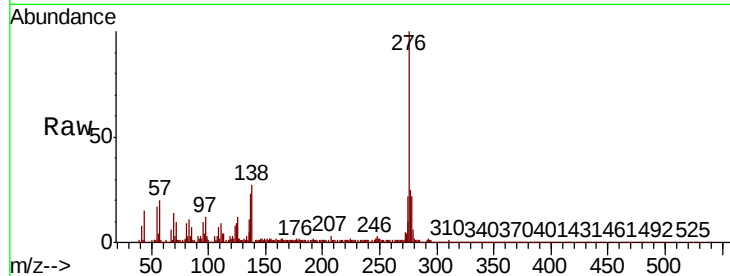
Tgt Ion:276 Resp: 706708

Ion Ratio Lower Upper

276 100

138 27.9 27.8 41.6

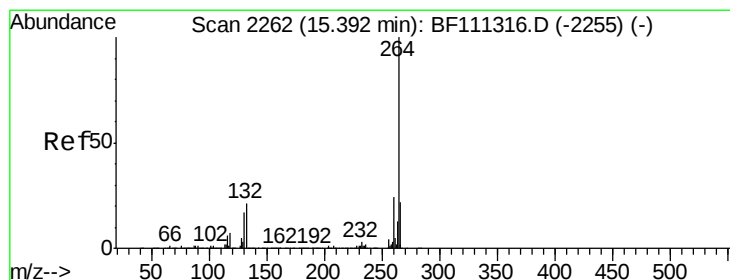
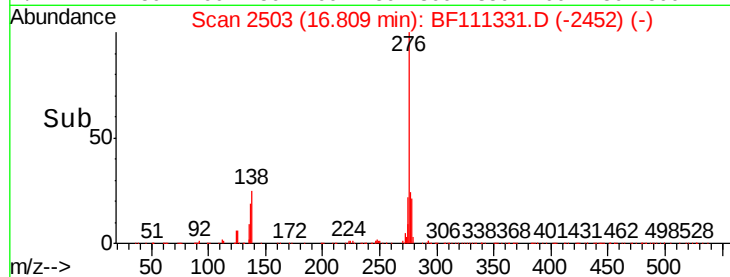
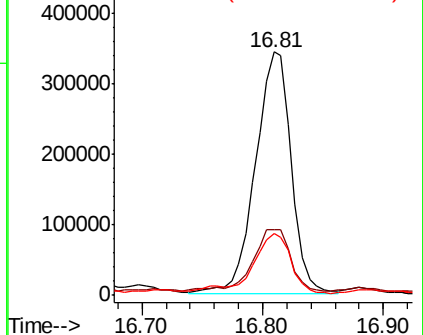
277 24.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

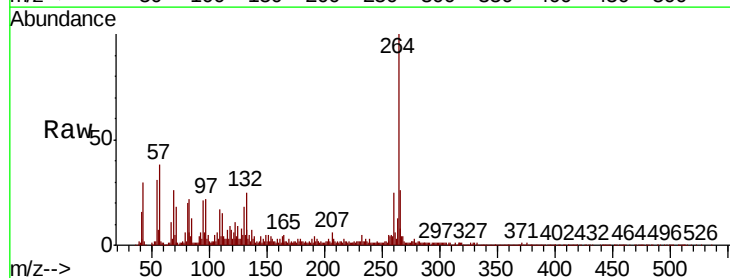
Tgt Ion:264 Resp: 340712

Ion Ratio Lower Upper

264 100

260 24.8 18.3 27.5

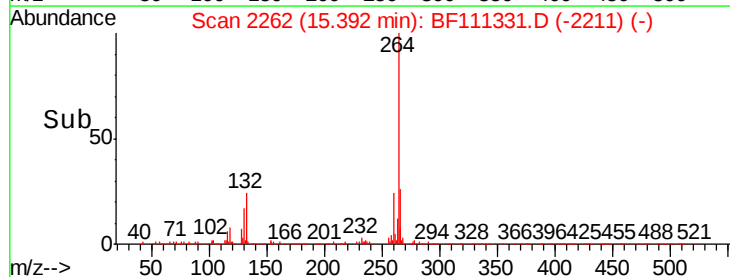
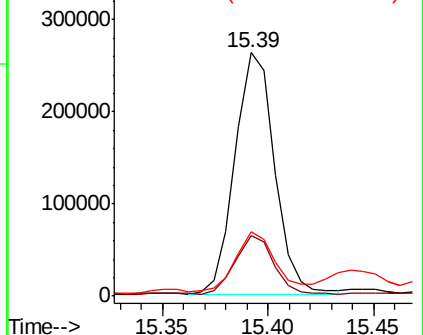
265 26.5 17.7 26.5

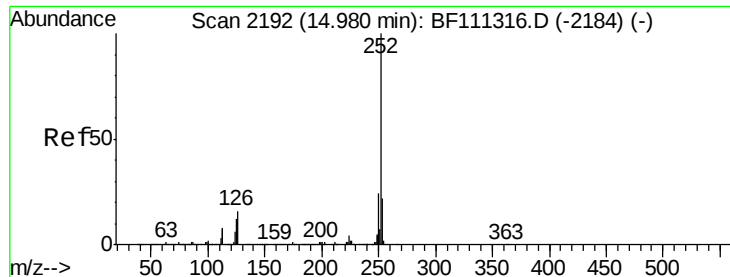


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 113.636 ng

RT: 14.99 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

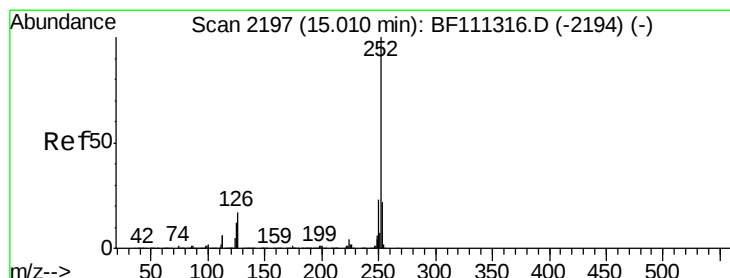
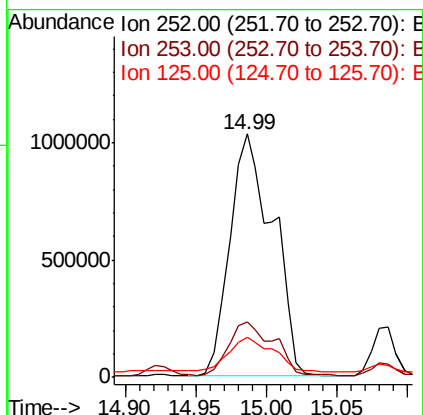
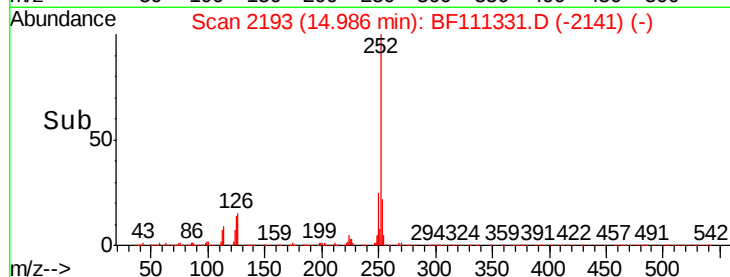
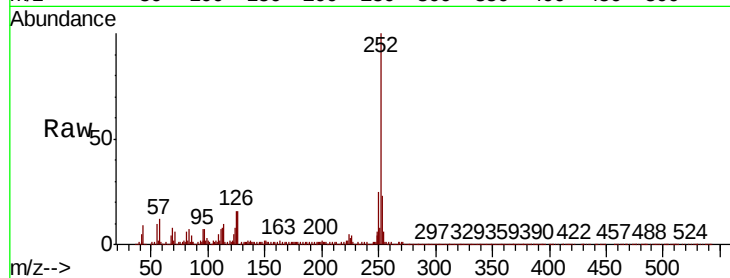
Tgt Ion:252 Resp: 2201594

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

125 16.3 10.4 15.6#



#89

Benzo(k)fluoranthene

Concen: 113.845 ng

RT: 14.99 min Scan# 2193

Delta R.T. -0.02 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

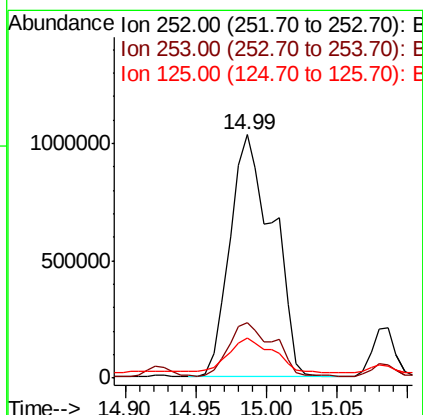
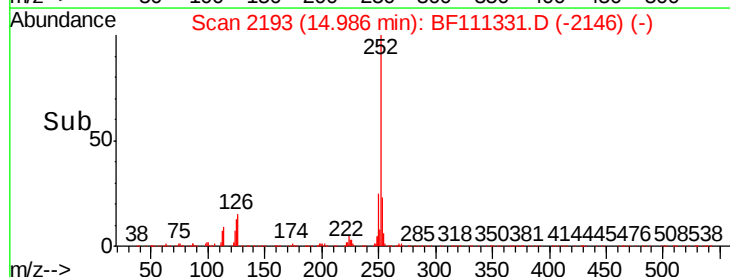
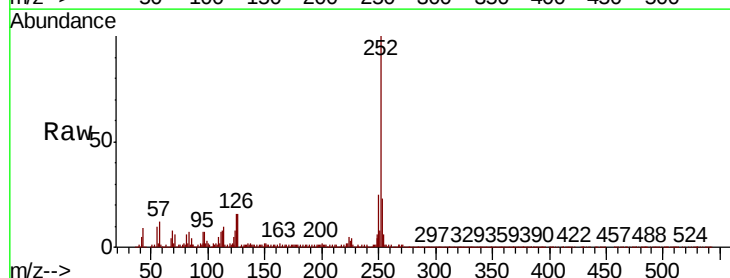
Tgt Ion:252 Resp: 2201594

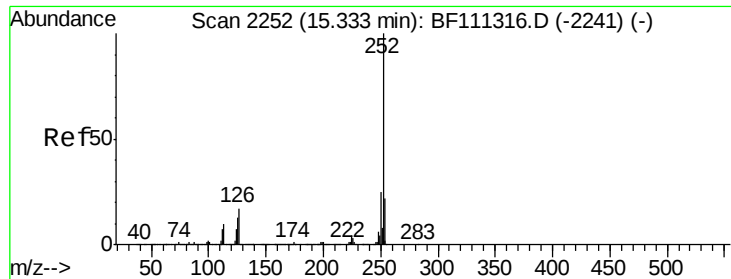
Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

125 16.3 9.8 14.8#





#90

Benzo(a)pyrene

Concen: 67.905 ng

RT: 15.34 min Scan# 2253

Delta R.T. 0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

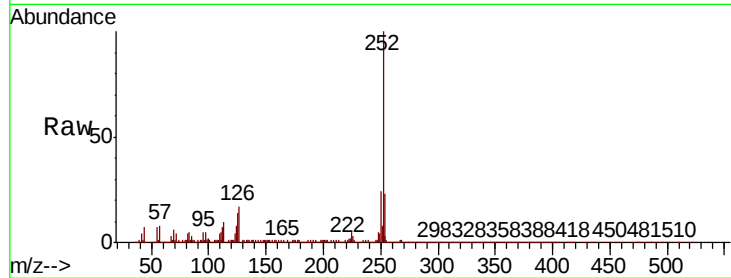
Tgt Ion:252 Resp: 1224956

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

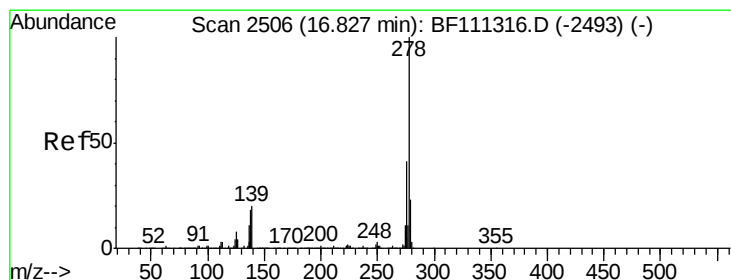
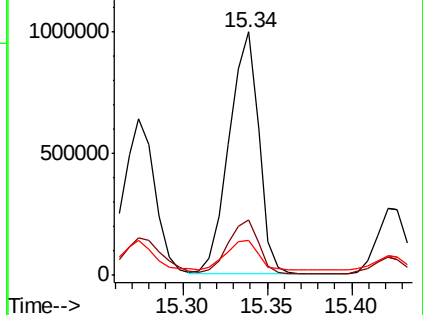
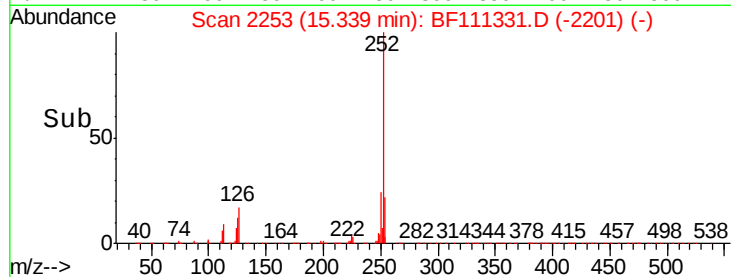
125 14.3 12.3 18.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 12.340 ng

RT: 16.82 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

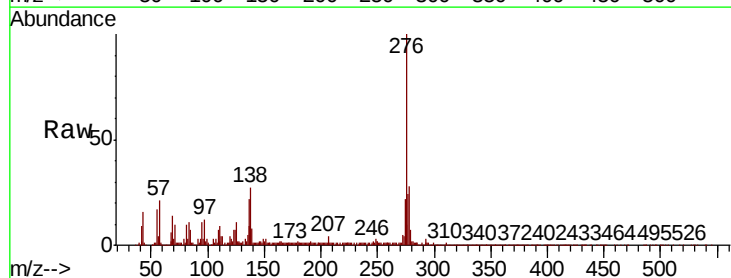
Tgt Ion:278 Resp: 185211

Ion Ratio Lower Upper

278 100

139 28.0 18.2 27.4#

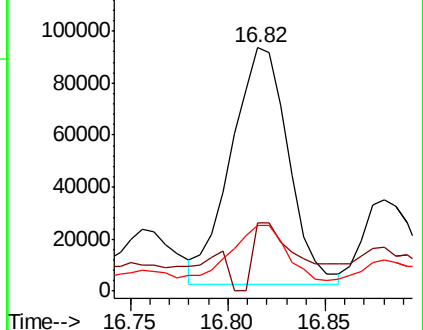
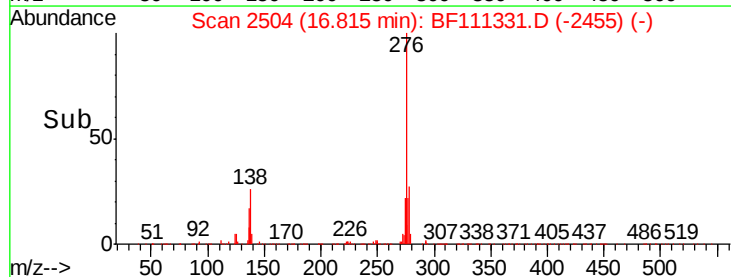
279 27.0 19.0 28.6

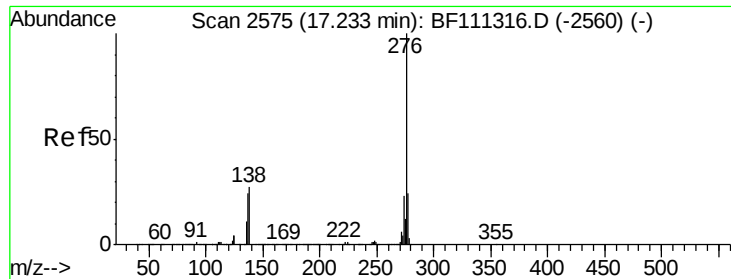


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 45.029 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BF111331.D

Acq: 12 Dec 2018 19:43

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

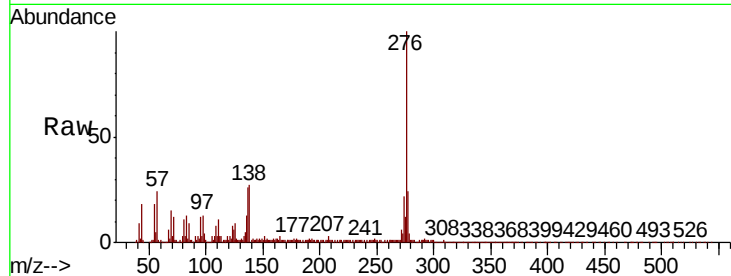
Tgt Ion:276 Resp: 675671

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 27.4 24.9 37.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

